

Index to Spring, Summer, Fall, Winter and Supplement Issues of Volume 59 (1995)

INDEX TO AUTHORS

AACP Staff, Roster of the Voting Delegates at the 96th Annual Meeting, 59, 80S;
 Abate, M.A., *see* Lee, M., 28S;
 Aceves-Blumenthal, C., *see* Beck, D.E., 105;
 Akin, D.T., A Biotechnology Course Emphasizing Molecular Biology and Practical Experience, 348;
 Amerson, A.B., *see* Sommi, R.W., 202;
 Armstrong, E.P., *see* Tysinger, J.W., 43;
 Arocho, R., Pharmacist's Satisfaction with their Pharmacy Education: Were They Prepared for OBRA-90?, 290;

Bailit, H., Impact of Managed Care on Pharmacy Practice and Education, 396;
 Barnes, C.L., *see* Mullins, B.A., 55;
 Beavers, M., *see* Oliver, C.H., 155;
 Beck, D.E.,
 Evaluating Student Performance in the Experiential Setting with Confidence, 236;
 Increasing the Accuracy of Observer Ratings by Enhancing Cognitive Processing Skills, 228;
 Pharmacokinetics Involves Lifelong Learning: The PILL Program, 66;
 Recognizing Volunteer Practitioner-Educators Through Intrinsic and Extrinsic Incentives, 105;
 Belmonte, A.A.,
 Chair Report of the Council of Deans, 24S;
 Tell Your Neighbors About Health and Science, 93;
 What is the Council of Deans?, 315;
 Benet, L.Z., A New Structure for AACP. Report of the 1994-95 Argus Commission, 7S;
 Beza, J., *see* McDermott, J.H., 334;
 Biles, J.A., *see* Benet, L.Z., 7S;
 Birdwell, S.W., *see* Broedel-Zaugg, K., 38;
 Bjornson, D.C., *see* Selander, L.K., 273;
 Bohm L.E., *see* Beck, D.E., 228;
 Bolger, M.B., Cyber PatientTM: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, 410;
 Bond, C.A., *see* Raehl, C.L., 248;
 Bootman, J.L.,
 Chair Report for the Academic Affairs Committee, 11S;
 Preamble to the Chair Reports of the Academic Affairs and Professional Affairs Committee, 10S;
 Bourne, D.W.A., A Trek Through Cyberspace, 402;
 Brimberry, W.M., *see* Riffe, W.H., 59.1
 Broedel-Zaugg, K., Development of a Model to Predict the Employment Status of Women Pharmacists, 38;
 Brown, T.E.R., Using Decision Analysis to Modify Clinical Decisions Made by Pharmacists and Students, 14;
 Butler, C.D., *see* Brown, T.E.R., 14;

Cain, G.G., *see* Mott, D.A., 59;
 Caiola, S.M., *see* McDermott, J.H., 334;
 Carlson, A.M., *see* Stratton, T.P., 158;
 Carter, B.L., *see* Brown, T.E.R., 14;
 Carter, J.T., The Curriculum Committee: A National Profile of U.S. Colleges of Pharmacy, 27;
 Chalmers, R.K., The Essential Linkage of Professional Socialization and Pharmaceutical Care, 85;

Chan, K.K.H., *see* Li, R.C., 143;
 Charupatanapong, N., Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, 358;
 Chisholm, M.A., Significant Factors for Predicting Academic Success of First-Year Pharmacy Students, 364;
 Cloutier, M.J., Antibiotics. Mechanisms of Action and Acquisition of Resistance—When Magic Bullets Lose Their Magic, 167;
 Cobb, H.H. III, *see* Chisholm, M.A., 364;
 Cocolas, G.H.,
 Meet the President: Mary Anne Koda-Kimble, 221;
 Report of the Journal Editor, 23S;
 Colaizzi, J.L., Evaluation of Faculty Members, 72;
 Coughlin, J.W., Report of the Independent Auditor, 38S;

D'Elia, R.P., *see* Mullins, B.A., 55;
 Draugalis, J.R.,
 See Carter, J.T., 27;
 See Kinkade, R.E., 147;

Engle, J.N., *see* Fjortoft, N., 223;
 Erstad, B.L.,
 Introduction (An) to Acute Pain Assessment and Management, 59;
 See Kinkade, R.E., 147;

Fitzpatrick, P.G., *see* McGinn, P.W., 287;
 Fjortoft, N.F.,
 Effect of the Nontraditional PharmD on Individual Practice Patterns, 223;
 See Lee, M., 28S;
 Flemming, C.M., *see* Mullins, B.A., 55;

Gibbs, E., *see* Oliver, C.H., 155;
 Gillespie, S.G., Ethnopharmacology: Design of an Undergraduate Course, 34;
 Goeckner, B., *see* Oliver, C.H., 155;
 Gourley, D.R., Management of Clinical Programs, 196;
 Greenwood, R.B., Chair Report for the Academic Sections Coordinating Committee, 27S;
 Gupchup, G.S., *see* Wolfgang, A.P., 342;

Haddad, A.M., *see* Chalmers, R.K., 85;
 Hadzija, B.W., A Lecture on Colligative Properties in an Undergraduate Curriculum, 191;
 Hanson, E.C., Evaluating Cognitive Services for Non-literate and Visually Impaired Patients in Community Pharmacy Rotation Sites, 48;
 Harrold, M.W., Computer-Based Exercises to Supplement Teaching of Stereochemical Aspects of Drug Action, 20;
 Haxby, D.G., *see* Vanderveen, R.P., 137;
 Hillson, E.M., *see* Arocho, R., 290;
 Hoffman, S., *see* Chalmers, R.K., 85;
 Hogkinson, P., *see* Bourne, D.W.A., 402;
 Holdsworth, M.T., *see* Raisch, D.W., 265;
 Houghlum, J.E., *see* Mort, J.R., 327;

Index to Spring, Summer, Fall, Winter and Supplement Issues of Volume 59 (1995)

INDEX TO AUTHORS

AACP Staff, Roster of the Voting Delegates at the 96th Annual Meeting, 59, 80S;
 Abate, M.A., *see* Lee, M., 28S;
 Aceves-Blumenthal, C., *see* Beck, D.E., 105;
 Akin, D.T., A Biotechnology Course Emphasizing Molecular Biology and Practical Experience, 348;
 Amerson, A.B., *see* Sommi, R.W., 202;
 Armstrong, E.P., *see* Tysinger, J.W., 43;
 Arocho, R., Pharmacist's Satisfaction with their Pharmacy Education: Were They Prepared for OBRA-90?, 290;

Bailit, H., Impact of Managed Care on Pharmacy Practice and Education, 396;
 Barnes, C.L., *see* Mullins, B.A., 55;
 Beavers, M., *see* Oliver, C.H., 155;
 Beck, D.E.,
 Evaluating Student Performance in the Experiential Setting with Confidence, 236;
 Increasing the Accuracy of Observer Ratings by Enhancing Cognitive Processing Skills, 228;
 Pharmacokinetics Involves Lifelong Learning: The PILL Program, 66;
 Recognizing Volunteer Practitioner-Educators Through Intrinsic and Extrinsic Incentives, 105;
 Belmonte, A.A.,
 Chair Report of the Council of Deans, 24S;
 Tell Your Neighbors About Health and Science, 93;
 What is the Council of Deans?, 315;
 Benet, L.Z., A New Structure for AACP. Report of the 1994-95 Argus Commission, 7S;
 Beza, J., *see* McDermott, J.H., 334;
 Biles, J.A., *see* Benet, L.Z., 7S;
 Birdwell, S.W., *see* Broedel-Zaugg, K., 38;
 Bjornson, D.C., *see* Selander, L.K., 273;
 Bohm L.E., *see* Beck, D.E., 228;
 Bolger, M.B., Cyber PatientTM: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, 410;
 Bond, C.A., *see* Raehl, C.L., 248;
 Bootman, J.L.,
 Chair Report for the Academic Affairs Committee, 11S;
 Preamble to the Chair Reports of the Academic Affairs and Professional Affairs Committee, 10S;
 Bourne, D.W.A., A Trek Through Cyberspace, 402;
 Brimberry, W.M., *see* Riffe, W.H., 59.1
 Broedel-Zaugg, K., Development of a Model to Predict the Employment Status of Women Pharmacists, 38;
 Brown, T.E.R., Using Decision Analysis to Modify Clinical Decisions Made by Pharmacists and Students, 14;
 Butler, C.D., *see* Brown, T.E.R., 14;

Cain, G.G., *see* Mott, D.A., 59;
 Caiola, S.M., *see* McDermott, J.H., 334;
 Carlson, A.M., *see* Stratton, T.P., 158;
 Carter, B.L., *see* Brown, T.E.R., 14;
 Carter, J.T., The Curriculum Committee: A National Profile of U.S. Colleges of Pharmacy, 27;
 Chalmers, R.K., The Essential Linkage of Professional Socialization and Pharmaceutical Care, 85;

Chan, K.K.H., *see* Li, R.C., 143;
 Charupatanapong, N., Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, 358;
 Chisholm, M.A., Significant Factors for Predicting Academic Success of First-Year Pharmacy Students, 364;
 Cloutier, M.J., Antibiotics. Mechanisms of Action and Acquisition of Resistance—When Magic Bullets Lose Their Magic, 167;
 Cobb, H.H. III, *see* Chisholm, M.A., 364;
 Cocolas, G.H.,
 Meet the President: Mary Anne Koda-Kimble, 221;
 Report of the Journal Editor, 23S;
 Colaizzi, J.L., Evaluation of Faculty Members, 72;
 Coughlin, J.W., Report of the Independent Auditor, 38S;

D'Elia, R.P., *see* Mullins, B.A., 55;
 Draugalis, J.R.,
 See Carter, J.T., 27;
 See Kinkade, R.E., 147;

Engle, J.N., *see* Fjortoft, N., 223;
 Erstad, B.L.,
 Introduction (An) to Acute Pain Assessment and Management, 59;
 See Kinkade, R.E., 147;

Fitzpatrick, P.G., *see* McGinn, P.W., 287;
 Fjortoft, N.F.,
 Effect of the Nontraditional PharmD on Individual Practice Patterns, 223;
 See Lee, M., 28S;
 Flemming, C.M., *see* Mullins, B.A., 55;

Gibbs, E., *see* Oliver, C.H., 155;
 Gillespie, S.G., Ethnopharmacology: Design of an Undergraduate Course, 34;
 Goeckner, B., *see* Oliver, C.H., 155;
 Gourley, D.R., Management of Clinical Programs, 196;
 Greenwood, R.B., Chair Report for the Academic Sections Coordinating Committee, 27S;
 Gupchup, G.S., *see* Wolfgang, A.P., 342;

Haddad, A.M., *see* Chalmers, R.K., 85;
 Hadzija, B.W., A Lecture on Colligative Properties in an Undergraduate Curriculum, 191;
 Hanson, E.C., Evaluating Cognitive Services for Non-literate and Visually Impaired Patients in Community Pharmacy Rotation Sites, 48;
 Harrold, M.W., Computer-Based Exercises to Supplement Teaching of Stereochemical Aspects of Drug Action, 20;
 Haxby, D.G., *see* Vanderveen, R.P., 137;
 Hillson, E.M., *see* Arocho, R., 290;
 Hoffman, S., *see* Chalmers, R.K., 85;
 Hogkinson, P., *see* Bourne, D.W.A., 402;
 Holdsworth, M.T., *see* Raisch, D.W., 265;
 Houghlum, J.E., *see* Mort, J.R., 327;

Hudson, R.A., Some Reflections on Research, Instruction, the New Biotechnology and on Pharmacy into the Next Century, 418;

Jirak, J., *see* Beck, D.E., 105;
Johnson, K.A., *see* Chalmers, R.K., 85;
Johnson, R.C., Managed Care Impact on Pharmacy, 400;

Kaatz, B., *see* Mort, J.R., 327;
Kabat, H.F.,
Chair Report for the Bylaws and Policy Development Committee, 14S;
See Raisch, D.W., 265;
Kawahara, N., *see* Beck, D.E., 105;
Kinkade, R.E., Evaluation of a Computer Simulation in a Therapeutics Case Discussion, 147;
Kirschenbaum, H.L., Geriatric Training Programs Offered at Schools and Colleges of Pharmacy, 284;
Knapp, D.A.,
Picking Up the Pace...from Evolution to Revolution, 389;
Picking Up the Pace...Planning for Practice Education, 209;
Picking Up the Pace...Working with Diversity, 92;
Koda-Kimble, M.A.,
Chair Report for the Finance Committee, 16S;
Keeping on Track...Off the Trail, 392;
"Let's Put 'Doc' Back into Pharmacy:" An Opportunity for an AACP-NACDS Partnership, 313;
Kotzan, J.A., *see* Chisholm, M.A., 364;
Kreling, D.H., *see* Mott, D.A., 59;
Kroll, D.J., Circumventing Antineoplastic Drug Resistance: When Tumor Cells Just Say "No" to Drugs, 184;
Kucukarslan, S., *see* Broedel-Zaugg, K., 38;
Kuhn, K.F., *see* McDermott, J.H., 334;

Larson, L.N., *see* Selander, L.K., 8;
Lavak, L., *see* Perrier, D.G., 113;
Lee, M., Report of the Task Force on the Recruitment and Retention of Pharmacy Practice Faculty, 28S;
Li, R.C., Microcomputer-Based Programs for Pharmacokinetic Simulations, 143;
Linn, A., *see* Lee, M. 28S;
Longe, R.L., Teaching Physical Assessment to Doctor of Pharmacy Students, 151;
Lubawy, W.C.,
Minutes of the Council of Deans Business Meeting: March 1, 1995, Washington, DC, 61S;
Minutes of the Council of Deans Business Meeting: July 10, 1995, Philadelphia, PA, 64S;

Maddux, M., *see* Lee, M. 28S;
Magarian, E.O., AmbCare®—A Relational Database for Implementing a Community Pharmacy Ambulatory Care Teaching Program: A Descriptive Report, 256;
Maine, L.L., Recruitment and Retention of Faculty: A Faculty Member's Point of View, 304;
Mann, P., *see* Raisch, D.W., 265;
Matthews, C.T., *see* Kinkade, R.E., 147;
McDermott, J.H., A Delphi Study to Identify the Components of a Community Pharmacy Clerkship, 334;
McElnay, J.C., *see* Whiteman, J.A., 383;
McDaniel, A.M., *see* Robertson, K.E., 131;
McGinn, P.W., A Relevant New Undergraduate Track in Retail

Pharmacy Management, 287;
McKay, A.B., *see* Monaghan, M.S., 354;
McLean, S., *see* Bourne, D.W.A., 402;
McMillan, C.A., *see* Arocho, R., 290;
Meyer, S.M., The Pharmacy Student Population: Applications Received 1993-94, Degrees Conferred 1993-94, Fall 1994 Enrollments, 69S;
Miller, K., *see* Oliver, C.H., 155;
Miller, S.J., Nutrition Education in Schools of Pharmacy, 377;
Miller, W.A., *see* Benet, L.Z., 7S;
Min, B.-J., *see* Stratton, T.P., 158;
Monaghan, M.S., Evaluation of Clinical Skills in Pharmaceutical Education: Past, Present and Future, 354;
Morris, N., *see* Beck, D.E., 105;
Mort, J.R., Use of Outcomes in the Development of an Entry-Level PharmD Curriculum, 327;
Mott, D.A., Internal Rates of Return, Pharmacist Supply and Applications and Admissions: A Case Study in Wisconsin, 59;
Mullins, B.A., Comparison of Drug Information Curricula in Schools and Colleges of Pharmacy, 55;
Murphy, J.E., *see* Slack, M.K., 125;

Newton, G.D., *see* Sommi, R.W., 202;
Nona, D.A., The American Council on Pharmaceutical Education: Annual Report 1994-1995, 34;

O'Sullivan, P.S.,
See Beck, D.E., 105;
See Beck, D.E., 228;
See Beck, D.E., 236;
Ohvall, R.A., *see* Benet, L.Z., 7S;

Penna, R.P.,
Some Thoughts from a Not-So-New Kid on the Block, 312;
"What You Should Really Teach in Pharmacy School Is _____," 424;
Perrier, D.G., Designing a Pharmaceutical Care Curriculum, 113;
Peterson, C.D., *see* Magarian, E.O., 256;
Piascik, M.A.,
Chair Report for the Professional Affairs Committee, 12S;
See Bootman, J.L., 10S;
Pitterle, M.E., *see* Raehl, C.L., 248;
Plake, K.S., *see* Wolfgang, A.P., 342;
Popovich, N.G., *see* Benet, L.Z., 7S;
Pugsley, J., *see* Perrier, D.G., 113;

Raehl, C.L., Pharmacy Services in Hospitals Offering Clinical Clerkships, 248;
Raisch, D.W., Incorporating Problem-Based Student-Centered Learning into Pharmacy Externship Rotations, 265;
Rascati, K.L., *see* Charupatanapong, N., 358;
Reunitz, P.C., Discussion-Based Instruction in Drug Metabolism, 279;
Riffee, W.H., Computers in the Classroom: A New Form of Active Learning, 1;
Robertson, K.E., Interdisciplinary Professional Education, 131;
Rosenberg, J.M., *see* Kirshenbaum, H.L., 284;

Sampedro, D., *see* Stratton, T.P., 158;
Schuff, R., *see* Vanderveen, R.P., 137;

Scott, E.M., Telephone Survey Evaluation of the Educational Impact of a Distance Learning Course, 383; Whiteman, J.A. Selander, L.K., Description of an Elective PharmD Teaching Clerkship, 273; Economic Costs and Benefits Associated with a Community Pharmacy Rotation, 8;
 Self, T.H., Long-Term Management of Asthma: How to Improve Clinical Outcomes, 163;
 Shaw, S.M., Approaches to Education in Nuclear Pharmacy, 296;
 Slack, M.K., Faculty Influence and Other Factors Associated with Student Membership in Professional Organizations, 125;
 Sleath, B., Pharmacist Question-Asking in New Mexico Community Pharmacies, 374;
 Smith, G.H., *see* Sommi, R.W., 202;
 Sommi, R.W., Teaching Through Quality Management, 202;
 Speedie, M.K., Chair Report for the Research and Graduate Affairs Committee, 19S;
 Strand, L.M., *see* Perrier, D.G., 113;
 Stratton, T.P., Pharmacy Manager's Views of Job Responsibilities for Student Interns and Pharmacy Technicians, 158;
 Stritter, F.T., *see* McDermott, J.H., 334;

Trinca, C.E.,
 Catch the Wave: Surfing the Internet and Using Information Technology, 91;
 In Search of a Diverse and Agile Association, 208;
 Minutes of the AACP Board of Directors Meeting: March 1-2, 1995, Washington, DC, 43S;
 Minutes of the AACP Board of Directors Meeting: July 6-7, 1995, Philadelphia, PA, 46S;
 Minutes of the Special Meeting of the AACP Board of Directors: July 10, 1995, Philadelphia, PA; 51S;
 Minutes of the AACP Board of Directors Meeting: October 27-28, 1995, Pentagon City, VA, 52S;

Minutes of the 96th Annual Meeting of the American Association of Colleges of Pharmacy: July 9-12, 1995, Philadelphia, PA, 56S;
 Minutes of the House of Delegates Sessions and Awards Banquet: July 9-12, 1995, Philadelphia, PA, 60S;
 Report of the Executive Director to the AACP House of Delegates, 1S;
 Tysinger, J.W., First-Year Pharmacy Students Computer Experience, 43;

Van Tyle, J., Minutes of the Council of Faculties Business Meeting: July 10, 1995, Philadelphia, PA, 67S
 Vanderbush, R.E., *see* Monaghan, M.S., 354;
 Vanderveen, R.P., Student Affairs Analysis of an Externship Program Using Multidimensional Work Sampling, 137;

Wandstrat, T.L., Pharmacotherapy of Otitis Media, 173;
 West, T., *see* Vanderveen, R.P., 137;
 Winslade, N., *see* Perrier, D.G., 113;
 Wolf, H.H., Meeting the Millenium, 299;
 Wolfgang, A.P., Relative Importance of Performance Criteria in Promotion and Tenure Decisions: Perception of Faculty Members, 342;
 Wong, S.L., *see* Li, R.C., 143;
 Woodard, J.M.B., *see* Li, R.C., 143;
 Wunn, J.E.,
 Chair Report for the Council of Faculties, 25S;
 I'm a Good Faculty Member, 94;

Zatz, J.L., Matching Delivery Systems to Therapeutic Requirements, 72.

INDEX TO SUBJECTS AND TITLES

ACPE

Questionnaires Designed to Gather Information for the ACPE Self-Study, D. Dolinsky, S.M. Gross, 85S;
 The American Council on Pharmaceutical Education: Annual Report 1994-1995, D.A. Nona, 34S;
 Abilities-Based Outcomes Education in Clinical Rotations: The Student Clerkship Portfolio, S.G. Holstad, D. Vrahnos, T.D. Zlatich and M.S. Maddux, 99S;

Abstracts

Abstracts from the Academic Section of the International Pharmaceutical Federation (F.I.P.) Meeting: Stockholm, Sweden, 106S;
 Abstracts from the 96th AACP Annual Meeting Podium and Poster Sessions, 81S;

Academic

Academic Opportunities in a Pharmacy Benefit Management Setting, E.P. Larrat, R.L. Marcoux, K. McDonough, 86S;
 An Academic Administration Clerkship for Doctor of Pharmacy Students, J.P. Engle and N. Fjortoft, 89S;

Academic Affairs

Chair Report for the Academic Affairs Committee, J.L. Bootman, 11S;

Academic Management Symposium

Implementing Change, Politics and Polemics: Concluding Remarks, W.A. Miller, 302;
 Meeting the Millenium, H.H. Wolf, 299;

Academic Management Series

Evaluation of Faculty Members, J.L. Colaizzi, 75;
 Management of Clinical Programs, D.R. Gourley, 196;
 Recruitment and Retention of Faculty: A Faculty Member's Point of View, L.L. Maine, 304;

Academic Sections Coordinating Committee

Chair Report for the Academic Sections Coordinating Committee, R.B. Greenwood, 27S;

Activities

Relationships of Pharmacy Students' Demographics, Academic Performance, and Extracurricular Activities, N. Charupatanapong, W. McCormick, and K. Rascati, 85S;

Adapting Pharmacy Education to Meet the Changing Needs of Pharmacy Practice, S.J. Stohs, 109S;

Address (of the)

President and Chairman of the Board—Picking Up the Pace...from Evolution to Revolution, D.A. Knapp, 389;
 President-Elect—Keeping on Track...Off the Trail, M.A. Koda-Kimble, 392;

Administration

A Problem-Based, Therapeutically-Centered Administration Course for PharmD Students, P.A. Chase 102S;
 Nontraditional PharmD Programs: An Educational and Administrative Profile, R.A. Buerki and A. Escovitz, 82S;

Admission

"Fulfilling Dreams": Admission Into the School of Pharmacy Through a Summer Program for High Risk Minority Students, S. Lucas, 100S;
 Internal Rates of Return, Pharmacist Supply and Applications and Admissions: A Case Study in Wisconsin, D.A. Mott, D.H. Kreling and G.G. Cain, 59;
 Significant Factors for Predicting Academic Success of First-Year Pharmacy Students, M.A. Chisholm, H.H. Cobb III and J.A. Kotzan, 364;

Adolescents, OTC, and Social Drugs: We Need to Talk About Them, S.M.

- Fabregas, R. Rodriguez and A. Velez, 104S;
 Agenda for the Year, A.A. Belmonte, 427;
 AmbCare®—A Relational Database for Implementing a Community Pharmacy Ambulatory Care Teaching Program: A Descriptive Report, E.O. Magarian and C.D. Peterson, 256;
 Ambulatory Care
 AmbCare®—A Relational Database for Implementing a Community Pharmacy Ambulatory Care Teaching Program: A Descriptive Report, E.O. Magarian and C.D. Peterson, 256;
 Broadening the Pharmacy Ambulatory Clerkship Experience: Participation in a Summer Camp for Children with Asthma, T.R. Prosser and C. Wuller, 93S;
 Establishing and Maintaining Ambulatory Care Rotations Through a "Partnership Program" with the Indian Health Service, D.R. Skelton, G. Reiter, 93S;
 Standards for Ambulatory Care Clerkships, R. Hadsall, D.A. Calhoun, P. Lepinski and K. Janke, 94S;
 American Association of Colleges of Pharmacy
 A New Structure for AACP. Report of the 1994-95 Argus Commission, L.Z. Benet, J.A. Biles, W.A. Miller, R.A. Ohvall and N.G. Popovich, 7S;
 Committee reports. See names of the individual committees, or see report (chair) for committee on:
 In Search of a Diverse and Agile Association, C.E. Trinca, 208;
 Minutes of the AACP Board of Directors Meeting
 March 1-2, 1995, Washington, DC, C.E. Trinca, 43S;
 July 6-7, 1995, Philadelphia, PA, C.E. Trinca, 46S;
 October 27-28, 1995, Arlington, VA, R.P. Penna, 52S;
 Special Meeting, July 10, 1995, Philadelphia, PA, C.E. Trinca, 51S;
 Minutes of the 96th Annual Meeting of the American Association of Colleges of Pharmacy: July 9-12, 1995, Philadelphia, PA, C.E. Trinca, 56S;
 Minutes of the House of Delegates Sessions and Awards Banquet: July 9-12, 1995, Philadelphia, PA, C.E. Trinca, 60S;
 Report of the Executive Director to the AACP House of Delegates, C.E. Trinca, 1S;
 Roster of Voting Delegates in Attendance at the 96th Annual Meeting, AACP Staff, 80S;
 Announcements, 210;
 Annual Meeting
 Minutes of the 96th AACP Annual Meeting of the American Association of Colleges of Pharmacy, Philadelphia PA, July 9-12, 1995, R.P. Penna, 81S;
 Antibiotics. Mechanisms of Action and Acquisition of Resistance—When Magic Bullets Lose Their Magic, M.J. Cloutier, 167;
 Antineoplastics
 Circumventing Antineoplastic Drug Resistance: When Tumor Cells Just Say "No" to Drugs, D.J. Knoll, 184;
 Applications
 The Pharmacy Student Population: Applications Received 1993-94, Degrees Conferred 1993-94, Fall 1994 Enrollments, S.M. Meyer, 69S;
 Approaches to Education in Nuclear Pharmacy, S.M. Shaw, 296;
 Argus Commission
 A New Structure for AACP. Report of the 1994/95 Argus Commission, L.Z. Benet, J.A. Biles, W.A. Miller, R.A. Ohvall and N.G. Popovich, 7S;
 Assessment
 Assessment of Changing Perceptions to Pharmaceutical Care, J.W. McAuley and M.A. Bennett, 92S;
 Assessment of Learning Styles of Nontraditional Pharmacy Students, S.F. Gardner, M.S. Monaghan, 86S;
 Implementation of an Assessment Tool Designed to Evaluate Problem-Solving Skills Separately from Data-Base Deficiencies, M.R. Jacobs and L.L.S. Calligaro, 99S;
 Learning and Teaching Goals Assessment: Students and Faculty, M.W. Smar, 82S;
 The Effect of a Patient Assessment Course on Pharmacy Students' Opinions and Attitudes, R.M. Jones, 99S;
 Utilization of a "Classroom Polling" Assessment Technique in an Elective Health Policy Course, A.P. Wolfgang and K.S. Plake, 87S;
 Asthma
 Long-Term Management of Asthma: How to Improve Clinical Outcomes, T.H. Self, 163;
 Attitudes
 Student Attitudes Towards Academic Dishonesty, M. Sherrow and S. Becker, 84S;
 Student Attitudes Towards Pharmacy Practice Issues, E.T. Kelly III and P. Toce, 93S;
 Auditor
 Report of the Independent Auditor, J.W. Coughlin, 39S;
 Awards
 Grants and Awards, 97, 212, 316, 432;

 Biographical Sketch
 Meet the President: Mary Anne Koda-Kimble, G.H. Cocolas, 221;
 Biopharmaceutics
 Self-Testing and Review of Biopharmaceutical Concepts On-Line, C. Cullander, 84S;
 Biotechnology
 A Biotechnology Course Emphasizing Molecular Biology and Practical Experience, D.T. Akin, 348;
 Biotechnology in Pharmacy Practice: An Assessment of Pharmacists' Knowledge and Perceptions, T.W. Hrubey, D.M. Zimmerman, T.T. Nguyen, and P. Mahajan, 82S;
 Some Reflections on Research, Instruction, the New Biotechnology and on Pharmacy into the Next Century, R.A. Hudson, 417;
 Board of Directors Meeting Minutes
 March 1-2, 1995, Washington, DC, C.E. Trinca, 43S;
 July 6-7, 1995, Philadelphia, PA, C.E. Trinca, 46S;
 July 10, 1995, Philadelphia, PA, C.E. Trinca, 51S;
 October 27-28, 1995, Arlington, VA, R.P. Penna, 52S;
 Book Reviews, 100, 215, 320, 435;
 Books Reviewed
Alcohol and Hormones, 321;
Allocating Health Care Resources, 216;
Annual Review of Neuroscience: Volume 18, 322;
Annual Review of Pharmacology and Toxicology, 438;
Antidotes for Poisoning by Paracetamol, 439;
Basic Clinical Pharmacokinetics Handbook, 217;
Burger's Medicinal Chemistry and Drug Discoveries, Vol. 1: Principles and Practice, 218;
Chemical Safety, 102;
Ethical Responsibility in Pharmacy Practice, 103;
Examination and Board Review, 438;
Glycopeptide Antibiotics, 102;
Herbs of Choice: Use of Phytochemicals, 102;
Immunochromatography, 321;
Introduction to Toxicology, Second Edition, 323;
Membrane Protein Structure—Experimental Approaches, 320;
Molecular Mechanisms of Drug Action, 320;
Occupational Toxicology, 441;
Pharmaceutical Calculations, 3rd Edition, 216;
Pharmaceutical Dosage Forms and Drug Delivery Systems, 6th Edition, 320;
Pharmacokinetics: Regulatory, Industrial, Academic Perspectives, Second Edition, 435;
Polymeric Site-Specific Pharmacotherapy, 101;
Principles of Drug Information, 100;
Principles of Medical Pharmacology, 437;
Principles of Medicinal Chemistry, Fourth Edition, 436;
Psychopharmacology from a Feminist Perspective, 439;
Searching for Magic Bullets: Orphan Drugs, Consumer Activism, and Pharmaceutical Development, 100;
Strauss's Pharmacy Law and Examination Review, Third Edition, 215;
Tamoxifen: Molecular Basis for Use in Cancer Treatment and Prevention, 101;
The Clinical Skills Program: Advancing Pharmaceutical Care Pharmacotherapy Series: Reviewing Patient Medical Charts—Module 1, 219;
The Medical Interview: Clinical Care, Education and Research, 323;
Therapeutics in the Elderly, 322;
Topics in Pharmaceutical Sciences 1993, 218;
 Broadening the Pharmacy Ambulatory Clerkship Experience: Participation in a Summer Camp for Children with Asthma, T.R. Prosser and C. Wuller, 93S;
 Bylaws
 Chair Report for the Bylaws and Policy Development Committee, H.F. Kabat, 14S;

CE

- Continuing Education and the Specialization D.J. Temple, 106S;
- Development of a Re-Engineering the Continuing Education Programs of the College of Pharmacy in Response to Health Care Reform, D.R. Gourley, G. Farr, R. Davis and J.C. Eoff, 108S;
- Fax-on-Demand System for Nationwide Delivery of Pharmaceutical Continuing Education, U. Chung, K.-H. Chen, R. Janssen, J. Joseph, J. Kaufman, and J. Feldman, 102S;
- Incorporating Pharmaceutical Care into Continuing Pharmacy Education Programs: Results from the British Columbia Regional Coordinators' Workshop, K.G. Moody, 83S;
- Interactive Continuing Education Seminar Records Pharmacists Patient Counseling Skills on Videotape, J.K. Hastings, J.R. McCormack and D.R. Skelton, 83S;
- Use Video in Continuing Education of Pharmacists in Primary Health Care, M. Jadrijevi-Mladar Taka, 109S;

Case Studies

- Student Generated Case Studies in Medicinal Chemistry, P.I. Chavez, and M. Chavez, 102S;

Catch the Wave: Surfing the Internet and Using Information Technology, C.E. Trinca, 91;

Certificate

- Certificate Program to Train Hospital Pharmacists to Provide a Pharmacist-Managed Heparin Dosing and Monitoring Service, C.H. Brown and J.W. Blank, 88S;
- Evaluation of the Practicality of an Ongoing Certificate Program, N. Seidel and R.K. Janssen, 83S;

Chair Report (for the, of the)

- Academic Affairs Committee, J.L. Bootman, 11S;
- Academic Sections Coordinating Committee, R.B. Greenwood, 27S;
- Bylaws and Policy Development Committee, H.F. Kabat, 14S;
- Council of Deans, A.A. Belmonte, 24S;
- Council of Faculties, J.E. Wynn, 25S;
- Finance Committee, M.A. Koda-Kimble, 16S;
- Professional Affairs Committee, M.M. Piascik, 12S;
- Research and Graduate Affairs Committee, M.K. Speedie, 19S;

Chemistry

- A Student-Centered Learning Paradigm for Teaching Functional Group Analysis, T.L. Lemke, 103S;
- Computer-Based Exercises to Supplement Teaching of Stereochemical Aspects of Drug Action, M.W. Harrold, 20;
- Computer Assisted Macromolecular Visualization in Medicinal Chemistry, S.M. Kerwin, 82S;
- Student Generated Case Studies in Medicinal Chemistry, P.I. Chavez, and M. Chavez, 102S;

Chemotherapy

- Antibiotics. Mechanisms of Action and Acquisition of Resistance—When Magic Bullets Lose Their Magic, B.J. Cloutier, 167;

Circumventing Antineoplastic Drug Resistance: When Tumor Cells Just Say "No" to Drugs, D.J. Knoll, 184;

Clerkshare

- Development of a Cooperative Clerkship Network—Clerkshare, N.J. Owens and L. Cohen, 94S;

Clerkship

- A Delphi Survey to Identify the Components of a Community Pharmacy Clerkship, J.H. McDermott, S.M. Caiola, K.F. Kuhn, F.T. Stritter and J. Beza, 334;
- Broadening the Pharmacy Ambulatory Clerkship Experience: Participation in a Summer Camp for Children with Asthma, T.R. Prosser and C. Wuller, 93S;
- Clerkship for Doctor of Pharmacy Students, J.P. Engle and N.J. Fjortoft, 89S;
- Clerkships for Nontraditional PharmD Students, A.B. Amerson, B. Brandt, M.M. Piascik and R.P. Rapp, 88S;
- Curricular and Financial Implications of PharmD Clerkship Placements, J.R. Draugalis, J.T. Carter, and M.K. Slack, 85S;
- Description of an Elective PharmD Teaching Clerkship, L.K. Selander and D.C. Bjornson, 273;
- Development of a Cooperative Clerkship Network—Clerkshare, N.J. Owens and L. Cohen, 94S;
- Development of Pharmacy Student Clinical Clerkships in Underserved Rural Areas of North Carolina, R.J. Schollard, C. Whitley, D. Cummings and S. Caiola, 92S;

Experience with Physician-Precepted Clerkships for nontraditional PharmD Students, A.B. Amerson, B. Brandt, M.M. Piascik and R. Rapp, 88S;

Introductory Clinical Clerkship: Involving Students in Pharmaceutical Care During the First and Second Professional Years, D. Vrahnos, W.Y. Dahdal and M.S. Maddux, 93S;

Nontraditional Clerkships, R.E. Vanderbush, 105S;

Pharmacy Services in hospitals Offering Clinical Clerkships, C.L. Raehl, C.A. Bond and M.E. Pitterle, 248;

Psychopharmacy Clerkship in an Adult Outpatient Psychiatric Clinic, M.Z. Wincor and M.A. Gutierrez, 105S;

Self-Assessment Portfolio for Clerkship Competencies, K.J. Marty, C.L. Raehl, M.E. Pitterle and C.A. Bond, 100S;

Standards for Ambulatory Care Clerkships, R. Hadsall, D.A. Calhoun, P. Lepinski and K. Janke, 94S;

The Practice Advancement Clerkship: Advancing Practice While Applying Learning, R.A. Carter, 97S;

Clinical

Clinical, Dispensing, and Administrative Activities: How Are Community Pharmacists Spending Their Time and What Combination Would Best Utilize Their Skills, J.P. Bentley, E.M. Kolassa and Benjamin F. Banahan III, 88S;

Clinical Skills Elective in a PharmD Program: Meeting a Need, T. Poirier and C. O'Neil, 92S;

Evaluation of Clinical Skills in Pharmaceutical Education: Past, Present and Future, M.S. Monaghan, R.E. Vanderbush and A.B. McKay, 354;

Management of Clinical Programs, D.R. Gourley, 196;

Cognitive

Increasing the Accuracy of Observer Ratings by Enhancing Cognitive Processing Skills, D.E. Beck, P.S. O'Sullivan and L.E. Boh, 228;

Collaborative

A Collaborative Model for the Teaching of Ethics, M.A. Ciappara, M.A. Sant Fournier, E. Agius, G. Grima and I.A. Serracino, 109S;

Collaborative Efforts and Selected Resources Utilized to Integrate the Experiential Education of Pharmacy Students and Clinical Nutritionists, R.R. Couris, E.B. Hughes, S. Ingram, S.L. Sos, 97S;

College of Pharmacy-Residency Collaboration: Rapid Expansion of Clinical Training Programs in St. Louis, M.S. Maddux, R.E. Smith and The St. Louis Metropolitan Area Residency/Fellowship Committee, 91S;

Colligative Properties

A Lecture on Colligative Properties in an Undergraduate Curriculum, B.W. Hadzija, 191;

Committee

Chair Report for the Academic Affairs Committee, J.L. Bootman, 11S;

Academic Sections Coordinating Committee, R.B. Greenwood, 27S;

Bylaws and Policy Development Committee, H.F. Kabat, 14S;

Council of Deans, A.A. Belmonte, 24S;

Council of Faculties, J.E. Wynn, 25S;

Finance Committee, M.A. Koda-Kimble, 16S;

Professional Affairs Committee, M.M. Piascik, 12S;

Research and Graduate Affairs Committee, M.K. Speedie, 19S;

Communication

Student's Written Communication to Physicians Regarding Drug-Related Problems, E.H. French and N.R. Morris, 90S;

Community

Community Pharmacists Evaluation of the Administrative Training Received in Pharmacy School, J.P. Bentley, E.M. Kolassa and B.F. Banahan III, 85S;

Economic Costs and Benefits Associated with a Community Pharmacy Rotation, L.K. Selander and L.N. Larson, 8;

Learning Opportunities for Pharmacy Students in our Communities, K.A. Hunter, 371;

Community Pharmacy

A Cooperative Model for Developing a Pharmaceutical Care System in a Community Pharmacy, L. MacKeigan, M. Bennett, G. Cable and R. Buerki, 95S;

A Delphi Survey to Identify the Components of a Community Pharmacy Clerkship, J.H. McDermott, S.M. Caiola, K.F. Kuhn, F.T. Stritter and J. Beza, 334;

Development of an Elective Community Pharmacy Management Experiential Rotation, D.P. Zgarick and B.A. Talluto, 88S;

Establishing Community Pharmacy Rotation Sites with Cognitive Ser-

vices for Non-literate and Visually Impaired Patients, E.C. Hanson, 96S;

Comparison

- A Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, N. Charupatanapong and K. Rascati, 85S;
- Comparison of Drug Information Curricula in Schools and Colleges of Pharmacy, B.A. Mullins, R.P. D'Elia, C.L. Barnes and C.M. Flemming, 55;
- Comparison of Faculty and Student Evaluations of Primary Literature Utilizing Novel Literature Evaluation Instruments, M.A. Mancano, S.P. Gelone, J.I. Boulatta, I. Calligaro, G. Cooney, M. Jacobs, S. Milfred and J. Shuster 90S;
- Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, N. Charupatanapong and K.L. Rascati, 358;

Competency

- Self-Assessment Portfolios for Clinical Pharmacy Clerkship Competencies, C.L. Raehl, C.A. Bond, K. Marty and M. Pitterle, 108S;
- The Use of Computer Aided Learning (CAL) in Pharmaceutical Education: Collaboration Between the UK and the USA? S. Moss and P. Redfern, 105S;

Compliance

- Self-Assessment of Quality of Life (QOL) Profiles of SF-36 and Compliance: A Cross-Sectional Study on Hypertensive Geriatrics, R.S. Pippalla, V. Chinburapa and R. Duval, 92S;

Comprehensive

- Comprehensive Patient Assessment Course Utilizing Distance Learning Techniques and Objective Structured Clinical Examinations (OSCE) in the Entry-Level PharmD Curriculum, L. Jones, B.A. Carlisle and D.L. Murphy, 103S;

Computers

- A Trek Through Cyberspace, D.W.A. Bourne, P. Hogkinson and S. McLean, 402;
- Computer-Based Exercises to Supplement Teaching of Stereochemical Aspects of Drug Action, M.W. Harrold, First-Year Pharmacy Students Computer Experience, J.W. Tysinger and E.P. Armstrong, 43;
- Computers in the Classroom: A New Form of Active Learning, W.M. Brimberry and W.H. Riffée, 1;
- Computer Assisted Macromolecular Visualization in Medicinal Chemistry, S.M. Kerwin, 82S;
- Cyber Patient™: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger, 409;
- Evaluation of a Computer Simulation in a Therapeutics Case Discussion, R.E. Kinkade, C.T. Matthews, J.R. Draugalis and B.L. Erstad, 147;
- The Use of a Computer Model to Assess Personnel Stress and Estimate Manpower Needs in Retail Pharmacy Environments, G.A. Holt, A. Chandra 103S;

Computer-Assisted

- Computer-Assisted Instruction Guided Design as an Independent Study Course: A Comparative Study, A.P. Farkas and N.G. Popovich, 89S;
- The Use of Computer Aided Learning (CAL) in Pharmaceutical Education: Collaboration Between the UK and the USA? S. Moss and P. Redfern, 105S;

Contract Bioanalytical Laboratory Rotation An Educational Experience for Graduate Students in Pharmaceutics, H.T. Karnes and C. March, 84S;

Cooperative

- A Cooperative Model for Developing a Pharmaceutical Care System in a Community Pharmacy, L. MacKeigan, M. Bennett, G. Cable and R. Buerki, 95S;
- Cooperative Administrative Development of Experiential Programs Between Two State Schools of Pharmacy, C.F. Cox, J.L. Coffey, J.C. Bradberry and D.F. Thompson, 89S;

Corrigendum, 104, 220, 324;

Council of Deans

- Agenda for the Year, A.A. Belmonte, 427;
- Chair Report of the Council of Deans, A.A. Belmonte, 24S;
- Minutes of the Council of Deans Business Meeting: March 1, 1995, Washington, DC, W.C. Lubawy, 61S;
- Minutes of the Council of Deans Business Meeting: July 10, 1995, Philadelphia, PA, W.C. Lubawy, 64S;
- Tell Your Neighbors About Health and Science, A.A. Belmonte, 93;
- What is the Council of Deans?, A.A. Belmonte, 315;

Council of Faculties

- Chair Report for the Council of Faculties, J.E. Wynn, 25S;
- Economic and Social Perspectives of Educating the Theoretical Pharmacy Graduate, W.F. McGhan, 428;
- I'm a Good Faculty Member, J.E. Wynn, 94;
- Minutes of the Council of Faculties Business Meeting: July 10, 1995, Philadelphia, PA, J.H. Van Tyle, 67S;

Counseling

- Interactive Continuing Education Seminar Records Pharmacists Patient Counseling Skills on Videotape, J.K. Hastings, J.R. McCormack and D.R. Skelton, 83S;
- Pharmacist Question-Asking in New Mexico Community Pharmacies, B. Sleath, 374;

Course

- A Biotechnology Course Emphasizing Molecular Biology and Practical Experience, D.T. Akin, 348;
- A Problem-Based, Therapeutically-Centered Administration Course for PharmD Students, P.A. Chase 102S;
- A Revolutionary Course Design: Contemporary Aspects of Pharmacy Practice—The First Year, B.F. Brandt, T. Foster and P. Piascik, 97S;
- An Innovative Clinical Nutrition Course for Pharmacists, L.E. Foss 103S;
- Ethnopharmacology: Design of an Undergraduate Course, S.G. Gillespie, 34;
- Impact of Discipline-Focused Selective Therapeutics Courses in an Entry-Level Doctor of Pharmacy Curriculum, R.C. Stevens and D.A. Kuhl, 91S;
- Introduction of an Internet Training Module Focusing on Medical Resources in an Elective Course in Microcomputer Applications in Pharmacy Practice, R.A. Giudici, 90S;
- The Effect of a Patient Assessment Course on Pharmacy Students' Opinions and Attitudes, R.M. Jones, 99S;
- The Evolution of a Dispensing Laboratory Course to a Pharmacy Practice Laboratory Course, L.L. Marshall, 92S;

Curricular and Financial Implications of PharmD Clerkship Placements, J.R. Draugalis, J.T. Carter and M.K. Slack, 85S;

Curriculum

- Comparison of Drug Information Twenty Years of Experience with an Integrated Pharmacy Curriculum at the University of Connecticut, A.A. Cardoni and R.H. Bogner, 97S;
- Curricula in Schools and Colleges of Pharmacy, B.A. Mullins, R.P. D'Elia, C.L. Barnes and C.M. Flemming, 55;
- Curriculum Review, Revision and Implementation at the University of Arizona College of Pharmacy, G.H. Smith, 93S;
- Designing a Pharmaceutical Care Curriculum, D.G. Perrier, N. Winslade, J. Pugsley, L. Lavak and L.M. Strand, 13;
- Developing a New Curriculum for the Entry-Level PharmD, F. Fochtman, J.D. Bricker, V. Giannetti, M. Harris, M. Harrold and B. Livengood, 98S;
- The Curriculum Committee: A National Profile of U.S. Colleges of Pharmacy, J.T. Carter and J.R. Draugalis, 27;
- Use of Outcomes Assessment in Continuous Quality Improvement of a Curriculum: One School's Experience, C.W. Barnett and H.W. Matthews, 84S;
- Use of Outcomes in the Development of an Entry-Level PharmD Curriculum, J.R. Mort, J.E. Houghlum and B. Kaatz, 327;

Cyber Patient™: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger, 409;

Cyberspace

- A Trek Through Cyberspace, D.W.A. Bourne, P. Hogkinson and S. McLean, 402;
- The Electronic Professor: Visualized Lectures from Cyberspace, B.G. Felkey, 98S;

DILearn

- The Use of Computer-Assisted Learning Module, DILearn, in Teaching Basic Drug Information Skills, G.H. Smith, 105S;

Dawson Award Paper

- Some Reflections on Research, Instruction, the New Biotechnology and on Pharmacy into the Next Century, R.A. Hudson, 417;

Dean Chairman's Section

- Agenda for the Year, A.A. Belmonte, 427;
- Tell Your Neighbors About Health and Science, A.A. Belmonte, 93;

What is the Council of Deans?, A.A. Belmonte, 315;

Debating as an Instructional Strategy in Pharmaceutical Education, M. Montagne, R. McCarthy, J. Tebbe and F.R. Vogenberg, 104S;

Decision Analysis

Using Decision Analysis to Modify Clinical Decisions Made by Pharmacists and Students, T.E.R. Brown, B.L. Carter and C.D. Butler, 14;

Delegates

Minutes of the House of Delegates Sessions and Awards Banquet: July 9-12, 1995, Philadelphia, PA, C.E. Trinca, 60S;

Roster of the Voting Delegates at the 96th Annual Meeting, AACP Staff, 80S;

Delphi

A Delphi Survey to Identify the Components of a Community Pharmacy Clerkship, J.H. McDermott, S.M. Caiola, K.F. Kuhn, F.T. Stritter and J. Beza, 334;

Demonstration of the World List of Schools of Pharmacy on the Internet, David J. Temple, 107S;

Description of an Elective PharmD Teaching Clerkship, L.K. Selander and D.C. Bjornson, 273;

Design of a Contemporary Dispensing Laboratory Experience, N.E. Kawahara, M.E. Holland, R. Koch and U. Chung, 91S;

Designing a Pharmaceutical Care Curriculum, D.G. Perrier, N. Winslade, J. Pugsley, L. Lavak and L.M. Strand, 13;

Determining the Statistical Knowledge of Pharmacy Practitioners, M.J. Ferrill, L.L. Norton and T. Kakuda, 89S;

Developing

Developing a New Curriculum for the Entry-Level PharmD, F. Fochtman, J.D. Bricker, V. Giannetti, M. Harris, M. Harrold and B. Livengood, 98S;

Developing Student Leadership: Within the Freshman Year Experience, S. Holbrook and D.R. Rickert, 86S;

Development

Development and Evaluation of a Pharmacy Practice Simulation Laboratory, G.D. Newton, 95S;

Development and Implementation of a Pharmaceutical Care Laboratory Series, K.H. Deloatch, J.H. McDermott and A.W. Pittman 102S;

Development and Validation of a Comprehensive Evaluation System for a Pharmacy Practice Simulation Laboratory, G.D. Newton, 94S;

Development of a Cooperative Clerkship Network—Clerkshare, N.J. Owens and L. Cohen, 94S;

Development of a Fax-on-Demand System for Nationwide Delivery of Pharmaceutical Continuing Education, U. Chung, K.-H. Chen, R. Jannsen, J. Joseph, J. Kaufman and J. Feldman, 102S;

Development of a Model to Predict the Employment Status of Women Pharmacists, K. Broedel-Zaugg, S.W. Birdwell and S. Kucukarslan, 38;

Development of a Postgraduate Community Pharmacy Residency Training Program, D.R. Gourley, R.L. Davis, J.C. Eoff, D.K. Solomon and R. Brown, 108S;

Development of an Elective Community Pharmacy Management Experiential Rotation, D.P. Zgarick and B.A. Talluto, 88S;

Development of Pharmacy Student Clinical Clerkships in Underserved Rural Areas of North Carolina, R.J. Schollard, C. Whitley, D. Cummings and S. Caiola, 92S;

The Development and Assessment of Interpersonal Skills, J.A. Rees, I. Crowther and J.H. Collett, 109S;

Diploma

A Postgraduate Diploma in Community Pharmacy: Three Years Experience, C. Anderson, 108S;

Discussion-Based Instruction in Drug Metabolism, P.C. Reunitz, 279;

Disease Prevention and Health Promotion Topics in U.S. and Canadian Pharmacy Curricula, S.A. Rosenbluth and S. Madhavan, 106S;

Dishonesty

Student Attitudes Towards Academic Dishonesty, M. Sherrow and S. Becker, 84S;

Dispensing

Design of a Contemporary Dispensing Laboratory Experience, N.E. Kawahara, M.E. Holland, R. Koch and U. Chung, 91S;

The Evolution of a Dispensing Laboratory Course to a Pharmacy Practice Laboratory Course, L.L. Marshall, 92S;

Distance Learning

Comprehensive Patient Assessment Course Utilizing Distance Learning Techniques and Objective Structured Clinical Examinations (OSCE) in the Entry-Level PharmD Curriculum, L. Jones, B.A. Carlisle and D.L. Murphy, 103S;

Meeting the Educational Needs of the Community-Based Primary Care Pharmacist Through Distance Learning, A.T. Mailloux, C. Kraus and A.L. Hanson, 94S;

Physical Assessment Course Via Distance Education, J.C. Voris, 101S;

Telephone Survey Evaluation of the Educational Impact of a Distance Learning Course, J.A. Whiteman, E.M. Scott and J.C. Mc Elnay, 383;

Diversity

Picking Up the Pace...Working with Diversity, D.A. Knapp, 92;

Does Maternal Cocaine Use Suppress the Fetal Immune System? J.L. Karlix, I. Tebbett, M. Behnke, F. Eyler, V. Adams, B.B. Freiburger and D. Philips, 96S;

Drug Information

Comparison of Drug Information Curricula in Schools and Colleges of Pharmacy, B.A. Mullins, R.P. D'Elia, C.L. Barnes and C.M. Flemming, 55;

The Use of Computer-Assisted Learning Module, DILearn, in Teaching Basic Drug Information Skills, G.H. Smith, 105S;

Drug Metabolism

Discussion-Based Instruction in Drug Metabolism, P.C. Reunitz, 279;

Drug-Induced Diseases, N.J. Owens, A.L. Hume and R. Dufresne, 104S;

Drugs

Adolescents, OTC, and Social Drugs: We Need to Talk About Them, S.M. Fabregas, R. Rodriguez and A. Velez, 104S;

Economic

Economic and Social Perspectives of Educating the Theoretical Pharmacy Graduate, W.F. McGhan, 428;

Economic Costs and Benefits Associated with a Community Pharmacy Rotation, L.K. Selander and L.N. Larson, 8;

Editor

Report of the *Journal* Editor, G.H. Cocolas, 23S;

Education

Adapting Pharmacy Education to Meet the Changing Needs of Pharmacy Practice, S.J. Stohs, 109S;

Economic and Social Perspectives of Educating the Theoretical Pharmacy Graduate, W.F. McGhan, 428;

Interdisciplinary Professional Education, K.E. Robertson and A.M. McDaniel, 131;

Nontraditional PharmD Programs: An Educational and Administrative Profile, R.A. Buerki and A. Escovitz, 82S;

Pharmacist's Satisfaction with their Pharmacy Education: Were They Prepared for OBRA-90?, R. Arocho, E.M. Hillson and C.A. McMillan, 290;

Retail Pharmacy Support Staff Involvement in Over-the-Counter Medication Recommendation: Implications for Pharmacy Education, D.J. McCaffrey III, 87S;

Revolution in Pharmacy Education Extends Beyond the Classroom, W.A. Hopkins, A. Adams and C.W. Barnett, 84S;

"What You Should Really Teach in Pharmacy School Is _____," R.P. Penna, 424;

Effect

Effect of the Nontraditional PharmD on Individual Practice Patterns, N. Fjortoft and J.P. Engle, 223;

The Effect of a Patient Assessment Course on Pharmacy Students' Opinions and Attitudes, R.M. Jones, 99S;

The Effect of Drug Structure on pKa and Water/Lipid Solubility: A Simple Experiment, M.W. Smar and L. Westberg, 82S;

Elderly

Evaluation of Three Instruments to Assess Depression in Community-Dwelling Elderly, D.E. Airmet, B.A. Adamcik, M. Uttley and P.S. Cady, 84S;

Experiential Learning About the Elderly: The Geriatric Medication Game, C.H. Oliver, P.D. Hurd, M. Beavers, E. Gibbs, B. Goeckner and K. Miller, 155;

Elective

Clinical Skills Elective in a PharmD Program: Meeting a Need, T. Poirier and C. O'Neil, 92S;

- Electronic (The) Professor: Visualized Lectures from Cyberspace, B.G. Felkey, 98S;
- Enhancing Critical-Thinking in Pharmaceutics Through Integration of Problem-Based Group Projects and Laboratory Exercises in a Small Group Learning Environment, A. Desai, D. Doshi and A. Usayapant, 98S;
- Enrollment
The Pharmacy Student Population: Applications Received 1993-94, Degrees Conferred 1993-94, Fall 1994 Enrollments, S.M. Meyer, 69S;
- Entry-Level
Impact of Discipline-Focused Selective Therapeutics Courses in an Entry-Level Doctor of Pharmacy Curriculum, R.C. Stevens and D.A. Kuhl, 91S;
Use of Outcomes in the Development of an Entry-Level PharmD Curriculum, J.R. Mort, J.E. Houghlum and B. Kaatz, 327;
- Essential (The) Linkage of Professional Socialization and Pharmaceutical Care, R.K. Chalmers, D.S. Adler, A.M. Haddad, S. Hoffman, K.A. Johnson and J.M.B. Woodard, 85;
- Establishing
Establishing and Maintaining Ambulatory Care Rotations Through a "Partnership Program" with the Indian Health Service, D.R. Skelton and G. Reiter, 93S;
Establishing Community Pharmacy Rotation Sites with Cognitive Services for Non-literate and Visually Impaired Patients, E.C. Hanson, 96S;
- Ethics
A Collaborative Model for the Teaching of Ethics, M.A. Ciappara, M.A. Sant Fournier, E. Agius, G. Grima and I.A. Serracino, 109S;
Health Care Ethics in Perspective, T. Nilstun, 108S;
Pharmacists' Dilemma of Ethics Versus Economics, S. Gupta and H.M. Rappaport, 91S;
Pharmacists and the Process of Ethical Reasoning: An Exploratory Study, P.C. Morley and R.A. Larson, 94S;
Pharmacy Ethics in Teaching and Research, N.N. Rahman, S. Parveen, and A. Rahman, 109S;
Practice Ethics in Community Pharmacy, S.E. Sharpe, 107S;
Student Mentors in Pharmacy Ethics, J.D. Richardson, R.L. McCarthy and T. Chan, 104S;
Teaching of Ethics in the Pharmacy Curriculum, V.J. Giannetti, 107S;
- Ethnopharmacology: Design of an Undergraduate Course, S.G. Gillespie, 34;
- Evaluating
Evaluating Cognitive Services for Non-literate and Visually Impaired Patients in Community Pharmacy Rotation Sites, E.C. Hanson, 48;
Evaluating Student Performance in the Experiential Setting with Confidence, D.E. Beck, L.E. Boh and P.S. O'Sullivan, 236;
- Evaluation
Development and Validation of a Comprehensive Evaluation System for a Pharmacy Practice Simulation Laboratory, G.D. Newton, 94S;
Evaluation of a Computer Simulation in a Therapeutics Case Discussion, R.E. Kinkade, C.T. Matthews, J.R. Draugalis and B.L. Erstad, 147;
Evaluation of Clinical Skills in Pharmaceutical Education: Past Present and Future, M.S. Monaghan, R.E. Vanderbush and A.B. McKay, 354;
Evaluation of Drug Interaction Microcomputer Software: An Updated Comparison, R.A. Giudici and T.I. Poirier, 90S;
Evaluation of Faculty Members, J.L. Colaizzi, 75;
Evaluation of the Practicality of an Ongoing Certificate Program, N. Seidel and R.K. Jannsen, 83S;
Evaluation of Three Instruments to Assess Depression in Community-Dwelling Elderly, D.E. Airmet, B.A. Adamcik, M. Uttley and P.S. Cady, 84S;
- Evolution (The) of a Dispensing Laboratory Course to a Pharmacy Practice Laboratory Course, L.L. Marshall, 92S;
- Executive Director, C.E. Trinca
Catch the Wave: Surfing the Internet and Using Information Technology, C.E. Trinca, 91;
In Search of a Diverse and Agile Association, C.E. Trinca, 208;
Report of the Executive Director to the AACP House of Delegates, C.E. Trinca, 59, 1S;
- Executive Vice President's, Richard P. Penna
Some Thoughts from a Not-So-New Kid on the Block, R.P. Penna, 312;
- "What You Should Really Teach in Pharmacy School Is _____," R.P. Penna, 424;
- Experience with Physician-Precepted Clerkships for Nontraditional PharmD Students, A.B. Amerson, B. Brandt, M.M. Piascik and R.P. Rapp, 88S;
- Experiential
A Problem-Based Experiential Course in Psychopharmacy, C.W. Jackson, 103S;
Cooperative Administrative Development of Experiential Programs Between Two State Schools of Pharmacy, C.F. Cox, J.L. Coffey, J.C. Bradberry and D.F. Thompson, 89S;
Evaluating Student Performance in the Experiential Setting with Confidence, D.E. Beck, L.E. Boh and P.S. O'Sullivan, 236;
Experiential Learning About the Elderly: The Geriatric Medication Game, C.H. Oliver, P.D. Hurd, M. Beavers, E. Gibbs, B. Goeckner and K. Miller, 155;
- Extending Classroom Teaching of Pharmaceutical Care into Community Practice. Bridging the Gap, N. Amarshi and P. Gerber 101S;
- Externship
Student Affairs Analysis of an Externship Program Using Multidimensional Work Sampling, R.P. Vanderveen, D.G. Haxby, T. West and R. Schuff, 137;
- * * *
- FAX
Development of a Fax-on-Demand System for Nationwide Delivery of Pharmaceutical Continuing Education, U. Chung, K.-H. Chen, R. Jannsen, J. Joseph, J. Kaufman, and J. Feldman, 102S;
- FIP
A Collaborative Model for the Teaching of Ethics, M.A. Ciappara, M.A. Sant Fournier, E. Agius, G. Grima and I.A. Serracino, 109S;
A Postgraduate Diploma in Community Pharmacy: Three Years Experience, C. Anderson, 108S;
Abstracts from the Academic Section of the International Pharmaceutical Federation (F.I.P.) Meeting: 1995 Stockholm, Sweden, 106S;
Adapting Pharmacy Education to Meet the Changing Needs of Pharmacy Practice, S.J. Stohs, 109S;
Continuing Education and the Specialization D.J. Temple, 106S;
Demonstration of the World List of Schools of Pharmacy on the Internet, David J. Temple, 107S;
Development of a Postgraduate Community Pharmacy Residency Training Program, D.R. Gourley, R.L. Davis, J.C. Eoff, D.K. Solomon and R. Brown, 108S;
Health Care Ethics in Perspective, T. Nilstun, 108S;
Model of a Quality System for the Faculty of Chemistry, UNAM, C.G. Barnes and A. Ramos, 108S;
Pharmacy Ethics in Teaching and Research, N.N. Rahman, S. Parveen, and A. Rahman, 109S;
Pharmacy Student Self-Assessment Portfolios for Clinical Pharmacy Clerkship Competencies, C.L. Raehl, C.A. Bond, K. Marty and M. Pitterle, 108S;
Postgraduate Specializations in Pharmacy, G. Mihajlovic and M. Romic, K. Bogdanovic and S. Nikolic-Vujadinovic, 109S;
Practice Ethics in Community Pharmacy, S.E. Sharpe, 107S;
Protection of Human Research Subjects: An European Example, P.A. Sado, 107S;
Re-Engineering the Continuing Education Programs of the College of Pharmacy in Response to Health Care Reform, D.R. Gourley, G. Farr, R. Davis and J.C. Eoff, 108S;
Short-term Recall of a Continuing Medical Education Journal: Comparative Intervention Study, D. Broclain, P. Mura, D. Nivet-Carré and G. Bardelay, 110S;
Teaching of Ethics in the Pharmacy Curriculum, V.J. Giannetti, 107S;
The Development and Assessment of Interpersonal Skills, J.A. Rees, I. Crowther and J.H. Collett, 109S;
The Role and Responsibility of the Profession, C.J. de Blaeys, 106S;
The Role and Responsibility of the Schools of Pharmacy, A.L. Hanson, 106S;
Use Video in Continuing Education of Pharmacists in Primary Health Care, M. Jadrijevi-Mladar Taka, 109S;
- Faculty
A Faculty Development Exercise Intended to Solve Common Problems in the Classroom, R.A. Jackson and H.W. Matthews, 99S;
Decisions: Perception of Faculty Members, A.P. Wolfgang, G.S. Gupchup and K.S. Plake, 342;

- Evaluation of Faculty Members, J.L. Colaizzi, 75;
 Faculty Influence and Other Factors Associated with Student Membership in Professional Organizations, M.K. Slack and J.E. Murphy, 125;
 Model of a Quality System for the Faculty of Chemistry, UNAM, C.G. Barnes and A. Ramos, 108S;
 Relative Importance of Performance Criteria in Promotion and Tenure Report of the Task Force on the Recruitment and Retention of Pharmacy Practice Faculty, M. Lee, M.A. Abate, N. Fjortoft, A. Linn and M. Maddux, 28S;
 Training Faculty to Improve Their Ability to Teach Problem Solving Skills, W.T. Maldonado, J. Miranda-Massari, M. Martinez, L. Gonzalez, L. Hernández, L.M. Gutierrez, A. Guzman, E. Vega, M. Orfila and A. Villarini, 94S;
- Faculty Chairman's Section**
 Economic and Social Perspectives of Educating the Theoretical Pharmacy Graduate, W.F. McGhan, 428;
 I'm a Good Faculty Member, J.E. Wynn, 94;
- Finance**
 Chair Report for the Finance Committee, M.A. Koda-Kimble, 16S;
- Financial**
 Curricular and Financial Implications of PharmD Clerkship Placements, J.R. Draugalis, J.T. Carter and M.K. Slack, 85S;
 First-Year Pharmacy Students Computer Experience, J.W. Tysinger and E.P. Armstrong, 43;
 "Fulfilling Dreams": Admission Into the School of Pharmacy Through a Summer Program for High Risk Minority Students, S. Lucas, 100S;
- ***
- GAPS**
 A Cooperative Model for Developing a Pharmaceutical Care System in a Community Pharmacy, L. MacKeigan, M. Bennett, G. Cable and R. Buerki, 95S;
 A Model for Delivering Pharmaceutical Care in a Rural Community Pharmacy, G.A. Cochran, A.M. Carlson and W.R. Hamilton, 97S;
 A Teaching Module to Improve Pharmaceutical Care Documentation, D.M. Angaran, A.E. Broeseker, and D.B. Brushwood, 95S;
 Development and Evaluation of a Pharmacy Practice Simulation Laboratory, G.D. Newton, 95S;
 Development of a Cooperative Clerkship Network—Clerkshare, N.J. Owens and L. Cohen, 94S;
 Establishing Community Pharmacy Rotation Sites with Cognitive Services for Non-literate and Visually Impaired Patients, E.C. Hanson, 96S;
 Interdisciplinary Problem-Based Student-Centered Learning, P.L. Mann, D.L. Shane and E. Dole, 94S;
 Meeting the Educational Needs of the Community-Based Primary Care Pharmacist through Distance Learning, A.T. Mailloux, C. Kraus and A. Hanson, 94S;
 Pharmacists and the Process of Ethical Reasoning: An Exploratory Study, P.C. Morley and R.A. Larson, 94S;
 Standards for Ambulatory Care Clerkships, R. Hadsall, D. Calhoun, P. Lepinski and K. Janke, 94S;
 Training Faculty to Improve their Ability to Teach Problem-Solving Skills, W.T. Maldonado, J. Miranda-Massari, M. Martinez, L. Gonzales, L. Hernandez, L.M. Gutierrez, A. Guzman, E. Vega, M. Orfila and A. Villarini, 94S;
 Visiting Summer Faculty Program: A Tool to Enhance Pharmaceutical Education and Recruit Graduate Students, R.L. Tackett, 95S;
- Geriatric**
 Geriatric Training Programs Offered at Schools and Colleges of Pharmacy, H.L. Kirschenbaum and J.M. Rosenberg, 284;
 Interdisciplinary Geriatric Education Opportunities for Pharmacy Students, G.A. Cochran, 98S;
- Graduates of a Nontraditional PharmD Program: A Progress Report**, N. Fjortoft, J.P. Engle and T. Christensen, 89S;
- Graduate Students**
 Contract Bioanalytical Laboratory Rotation An Educational Experience for Graduate Students in Pharmaceutics, H.T. Karnes and C. March, 84S;
 Visiting Summer Faculty Program: A Tool to Enhance Pharmaceutical Education and Recruit Graduate Students, R.L. Tackett, 95S;
- Grants and Awards**, 97, 212, 316, 432;
- Guided Design**
 Computer-Assisted Instruction Guided Design as an Independent Study Course: A Comparative Study, A.P. Farkas and N.G. Popovich, 89S;
- Guidelines**
 Pharmacy Practice Promotion and Tenure Guidelines: A Model to Promote Clinical Faculty Development, S.G. Holstad, T. Seaton, J. Burke, G. Ireland, T. Prosser, A. Hopefl and M.S. Maddux, 91S;

- Impact**
 Impact of Discipline-Focused Selective Therapeutics Courses in an Entry-Level Doctor of Pharmacy Curriculum, R.C. Stevens and D.A. Kuhl, 91S;
 Impact of Managed Care on Pharmacy Practice and Education, H. Bailit, 396;
- Illiteracy**
 Evaluating Cognitive Services for Non-literate and Visually Impaired Patients in Community Pharmacy Rotation Sites, E.C. Hanson, 48;
- Impairment**
 Evaluating Cognitive Services for Non-literate and Visually Impaired Patients in Community Pharmacy Rotation Sites, E.C. Hanson, 48;
- Implementation of an Assessment Tool Designed to Evaluate Problem-Solving Skills Separately from Data-Base Deficiencies**, M.R. Jacobs and I.L.S. Calligaro, 99S;
- Implementing Change, Politics and Polemics: Concluding Remarks** W.A. Miller, 302;
- Improving Interfaculty Assessment Using Grading Guidelines**, R.W. Sommi, K.C. Lamp, P.A. Marken and M.A. Fritsch, 92S;
- In Search of a Diverse and Agile Association**, C.E. Trinca, 208;
- Incentives**
 Recognizing Volunteer Practitioner-Educators Through Intrinsic and Extrinsic Incentives, D.E. Beck, C. Aceves-Blumenthal, J. Jirak, N. Kawahara, N. Morris and P.S. O'Sullivan, 105;
- Incorporating**
 Incorporating Pharmaceutical Care into Continuing Pharmacy Education Programs: Results from the British Columbia Regional Coordinators' Workshop, K.G. Moody, 83S;
 Incorporating Problem-Based Student-Centered Learning into Pharmacy Externship Rotations, D.W. Raisch, M.T. Holdsworth, P. Mann and H.F. Kabat, 59, 265; Incorporation of Ability-Based Outcomes Using an Expanded SOAP Format, C.S. Wallace and K.L. Franson, 105S;
- Increasing the Accuracy of Observer Ratings by Enhancing Cognitive Processing Skills**, D.E. Beck, P.S. O'Sullivan and L.E. Boh, 228;
- Index to Volume 59**, 442;
- Indian Health Service**
 Establishing and Maintaining Ambulatory Care Rotations Through a "Partnership Program" with the Indian Health Service, D.R. Skelton and G. Reiter, 93S;
- Infections**
 Antibiotics. Mechanisms of Action and Acquisition of Resistance—When Magic Bullets Lose Their Magic, M.J. Cloutier, 167;
- Informatics**
 Pharmacy Informatics, R.E. Vanderbush, A. McKay, G. Enderlin and D. Johnson, 87S;
- Innovations**
 Innovations in Teaching: Multi-Cohort Learning about Compliance, Counseling, and Peer Mentoring, B.A. Adamcik and D.E. Airmet, 101S;
 Matching Delivery Systems to Therapeutic Requirements, J.L. Zatz, 72;
 Pharmacokinetics Involves Lifelong Learning: The PILL Program, D.E. Beck and D.P. Rodman, 66;
- Innovative (An) Clinical Nutrition Course for Pharmacists**, L.E. Foss, 103S;
- Instilling Professional Responsibility: Teaching Pharmacy Students to Write in the Medical Record**, T. Prosser, J. Burke and E. Hobson, 88S;
- Instructions to Authors**, 95;
- Integrated**
 Integrated Educational Approach for a Nontraditional PharmD Program at an External Site, M.W. McKenzie, J.D. Robinson, M.P. Pevonka, R. Williamson and S. Normann, 82S;

- Twenty Years of Experience with an Integrated Pharmacy Curriculum at the University of Connecticut, A.A. Cardoni and R.H. Bogner, 97S;
- Interactive**
 Interactive Continuing Education Seminar Records Pharmacists Patient Counseling Skills on Videotape, J.K. Hastings, J.R. McCormack and D.R. Skelton, 83S;
 Interactive Learning Method for Teaching Managed Health Care, F.R. Vogenberg, 87S;
- Interdisciplinary**
 Interdisciplinary Geriatric Education Opportunities for Pharmacy Students, G.A. Cochran, 98S;
 Interdisciplinary Professional Education, K.E. Robertson and A.M. McDaniel, 59, 131;
 Interdisciplinary Problem-Based Student-Centered Learning, H.F. Kabat, P.L. Mann, D.L. Shane and E. Dole, 94S;
 Strategies to Provide Effective Interdisciplinary Education, C.E. Cox, V. Bergum and J. Montgomery, 102S;
- Intern**
 Pharmacy Manager's Views of Job Responsibilities for Student Interns and Pharmacy Technicians, T.P. Stratton, B.-J. Min, D. Sampedro and A. M. Carlson, 59, 158;
- Internal Rates of Return, Pharmacist Supply and Applications and Admissions: A Case Study in Wisconsin**, D.A. Mott, D.H. Kreling and G.G. Cain, 59;
- Internet**
 Demonstration of the World List of Schools of Pharmacy on the Internet, D.J. Temple, 107S;
 Introduction of an Internet Training Module Focusing on Medical Resources in an Elective Course in Microcomputer Applications in Pharmacy Practice, R.A. Giudici, 90S;
 UNC School of Pharmacy's World Wide Web Home Page on the Internet, C. Pulliam, I. Vaisman, A.W. Pittman, R. Shrewsbury and D. Mullins 100S;
- Interpersonal**
 The Development and Assessment of Interpersonal Skills, J.A. Rees, I. Crowther, and J.H. Collett, 109S;
- Interviews**
 A Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, N. Charupatanapong, and K. Rascati, 85S;
- Introduction**
 An Introduction to Acute Pain Assessment and Management, B.L. Erstad, 180;
 Introduction of an Internet Training Module Focusing on Medical Resources in an Elective Course in Microcomputer Applications in Pharmacy Practice, R.A. Giudici, 90S;
- Introductory**
 An Introductory Pharmacy Practice Experience (Shadow Program) Requirement During Early Curricular Sequencing, J. Colaizzi, K. Swanson and J. Barone, 96S;
 Introductory Clinical Clerkship: Involving Students in Pharmaceutical Care During the First and Second Professional Years, D. Vrahnos, W.Y. Dahdal and M.S. Maddux, 93S;
- ***
- Jobs**
 Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, N. Charupatanapong and K.L. Rascati, 358;
 Development of a Model to Predict the Employment Status of Women Pharmacists, K. Broedel-Zaugg, S.W. Birdwell and S. Kucukarslan, 38;
- Journal**
 Short-term Recall of a Continuing Medical Education Journal: Comparative Intervention Study, D. Broclain, P. Mura, D. Nivet-Carré and G. Bardelay, 110S;
- ***
- Keeping on Track...Off the Trail**, M.A. Koda-Kimble, 392;
- ***
- Laboratory**
 Design of a Contemporary Dispensing Laboratory Experience, N.E. Kawahara, M.E. Holland, R. Koch and U. Chung, 91S;
- Development and Evaluation of a Pharmacy Practice Simulation Laboratory, G.D. Newton, 95S;
 Development and Implementation of a Pharmaceutical Care Laboratory Series, K.H. Deloatch, J.H. McDermott and A.W. Pittman 102S;
- Large Classes**
 Teaching 200+: Interactive Approaches to Instructing to a Large Class, M.J. Ferrill, V.E. James and L.L. Norton, 98S;
- Leadership**
 Developing Student Leadership: Within the Freshman Year Experience, S. Holbrook and D.R. Rickert, 86S;
- Learning**
 Assessment of Learning Styles of Nontraditional Pharmacy Students, S.F. Gardner, M.S. Monaghan, 86S;
 Experiential Learning About the Elderly: The Geriatric Medication Game, C.H. Oliver, P.D. Hurd, M. Beavers, E. Gibbs, B. Goeckner and K. Miller, 155;
 Incorporating Problem-Based Student-Centered Learning into Pharmacy Externship Rotations, D.W. Raisch, M.T. Holdsworth, P. Mann and H.F. Kabat, 59, 265;
 Interdisciplinary Problem-Based Student-Centered Learning, H.F. Kabat, P.L. Mann, D.L. Shane and E. Dole, 94S;
 Learning and Teaching Goals Assessment: Students and Faculty, M.W. Smar, 82S;
 Learning Opportunities for Pharmacy Students in our Communities, K.A. Hunter, 371;
 The Peripheral Brain: A Valuable Tool for Student Active Learning, W.Y. Dahdal, D. Vrahnos and M.S. Maddux, 89S;
- Lecture (A) on Colligative Properties in an Undergraduate Curriculum**, B.W. Hadzija, 191;
- "Let's Put 'Doc' Back into Pharmacy:" An Opportunity for an AACP-NACDS Partnership**, M.A. Koda-Kimble, 313;
- Literature**
 Comparison of Faculty and Student Evaluations of Primary Literature Utilizing Novel Literature Evaluation Instruments, M.A. Mancano, S.P. Gelone, J.I. Boulatta, I. Calligaro, G. cooney, M. Jacobs, S. Milfred and J. Shuster 59, 90S;
- Long-Term Management of Asthma: How to Improve Clinical Outcomes**, T.H. Self, 163;
- ***
- MS-Excel**
 Problem-Solving Case Studies: Parameter Estimation for One or Two Compartment Oral and IV Administration by Nonlinear Estimation Using the Solver Function of MS-Excel, M.B. Bolger, 88S;
 Maintain the Basic Sciences: A Plea from a Clinical Scientist, M.A. Koda-Kimble, 425;
- Managed Care**
 Impact of Managed Care on Pharmacy Practice and Education, H. Bailit, 396;
 Interactive Learning Method for Teaching Managed Health Care, F.R. Vogenberg, 87S;
- Managed Care Impact on Pharmacy**, R.C. Johnson, 401;
- Management**
 Academic Opportunities in a Pharmacy Benefit Management Setting, E.P. Larrat, R.L. Marcoux, K. and McDonough, 86S;
 Management of Clinical Programs, D.R. Gourley, 196;
 Teaching Through Quality Management, R.W. Sommi, A.B. Amerson, G.D. Newton, G.H. Smith and J.H. Van Tyle, 202;
- Manpower**
 Internal Rates of Return, Pharmacist Supply and Applications and Admissions: A Case Study in Wisconsin, D.A. Mott, D.H. Kreling and G.G. Cain, 59;
 Matching Delivery Systems to Therapeutic Requirements, J.L. Zatz, 72;
 Measurement of Nontraditional Clerkship Outcomes, R.E. Vanderbush, D. Skelton, M.S. Monaghan and J. Hastings, 83S;
 The Use of a Computer Model to Assess Personnel Stress and Estimate Manpower Needs in Retail Pharmacy Environments, G.A. Holt and A. Chandra, 103S;
- Medical Records**
 Instilling Professional Responsibility: Teaching Pharmacy Students to Write in the Medical Record, T. Prosser, J. Burke and E. Hobson,

Meet the President: Mary Anne Koda-Kimble, G.H. Cocolas, 221;

Meeting

Meeting the Educational Needs of the Community-Based Primary Care Pharmacist Through Distance Learning, A.T. Mailloux, C. Kraus and A.L. Hanson, 94S;

Meeting the Millennium, H.H. Wolf, 299;

Membership

Faculty Influence and Other Factors Associated with Student Membership in Professional Organizations, M.K. Slack and J.E. Murphy, 125;

Mentors

Student Mentors in Pharmacy Ethics, J.D. Richardson, R.L. McCarthy and T. Chan, 104S;

Microcomputer-Based Programs for Pharmacokinetic Simulations, R.C. Li, S.L. Wong and K.K.H. Chan, 143;

Minorities

"Fulfilling Dreams": Admission Into the School of Pharmacy Through a Summer Program for High Risk Minority Students, S. Lucas, 100S;

Minutes

96th Annual Meeting of the American Association of Colleges of Pharmacy: July 9-12, 1995, Philadelphia, PA, C.E. Trinca, 56S;

AACP Board of Directors Meeting

March 1-2, 1995, Washington, DC, C.E. Trinca, 43S;

July 6-7, 1995, Philadelphia, PA, C.E. Trinca, 46S;

Special Meeting, July 10, 1995, Philadelphia, PA, C.E. Trinca, 51S;

October 27-28, 1995, Arlington, VA, R.P. Penna, 52S;

Council of Deans Business Meeting: March 1, 1995, Washington, DC, W.C. Lubawy, 61S;

Council of Deans Business Meeting: July 10, 1995, Philadelphia, PA, W.C. Lubawy, 64S;

Council of Faculties Business Meeting: July 10, 1995, Philadelphia, PA, J.H. Van Tyle, 67S;

House of Delegates Sessions and Awards Banquet: July 9-12, 1995, Philadelphia, PA, C.E. Trinca, 60S;

Model

A Model for Delivering Pharmaceutical Care in a Rural Community Pharmacy, G.A. Cochran, A.M. Carlson and W.R. Hamilton, 97S;

Model of a Quality System for the Faculty of Chemistry, UNAM, C.G. Barnes and A. Ramos, 108S;

Module

A Teaching Module to Improve Pharmaceutical Care Documentation, D.M. Angaran, A.E. Broeseker and D.B. Brushwood, 95S;

Motivation Factors and Mechanisms of Recognition for Community Pharmacists to Be or Become Preceptors for Fourth-Year Rotations, S. Gilbert and S. Poirier, 90S;

Multicultural

An Undergraduate Research Elective to Sensitize Students to the Multicultural Aspects of Pharmacy Practice, R.B. Sause and V.J. Galizia, 100S;

NIP

An Introductory Pharmacy Practice Experience (Shadow Program) Requirement During Early Curricular Sequencing, J. Colaizzi, K. Swanson and J. Barone, 96S;

Does Maternal Cocaine Use Suppress the Fetal Immune System? J.L. Karlix, I. Tebbett, M. Behnke, F. Eyler, Val Adams, B.B. Freiburger and D. Philips, 96S;

Patient Satisfaction and Perceived Quality of Pharmaceutical Care, E.E. Lipowski, 96S;

Network

Peer Health Advocacy Network, M.J. Jinks and R.C. Thompson, 99S;

New

A New Structure for AACP. Report of the 1994/95 Argus Commission, L.Z. Benet, J.A. Biles, W.A. Miller, R.A. Ohvall and N.G. Popovich, 7S;

New Books, 103, 220, 324, 441;

Nontraditional

Assessment of Learning Styles of Nontraditional Pharmacy Students, S.F. Gardner and M.S. Monaghan, 86S;

Effect of the Nontraditional PharmD on Individual Practice Patterns,

N. Fjortoft and J.P. Engle, 223;

Experience with Physician-Precepted Clerkships for Nontraditional PharmD Students, A.B. Amerson, B. Brandt, M.M. Piascik and R.P. Rapp, 88S;

Graduates of a Nontraditional PharmD Program: A Progress Report, N.F. Fjortoft, J.P. Engle and T. Christensen, 89S;

Nontraditional Clerkships, R.E. Vanderbush, 105S;

Nontraditional PharmD Programs: An Educational and Administrative Profile, R.A. Buerki and A. Escovitz, 82S;

Integrated Educational Approach for a Nontraditional PharmD Program at an External Site, M.W. McKenzie, J.D. Robinson, M.P. Pevonka, R. Williamson and S. Normann, 82S;

Nuclear Pharmacy

Approaches to Education in Nuclear Pharmacy, S.M. Shaw, 296;

Nutrition

An Innovative Clinical Nutrition Course for Pharmacists, L.E. Foss, 103S;

Nutrition Education in Schools of Pharmacy, S.J. Miller, 377;

Collaborative Efforts and Selected Resources Utilized to Integrate the Experiential Education of Pharmacy Students and Clinical Nutritionists, R.R. Couris, E.B. Hughes, S. Ingram and S.L. Sos, 97S;

OBRA-90

Pharmacist's Satisfaction with their Pharmacy Education: Were They Prepared for OBRA-90?, R. Arocho, E.M. Hillson and C.A. McMillan, 290;

OTC

Retail Pharmacy Support Staff Involvement in Over-the-Counter Medication Recommendation: Implications for Pharmacy Education, D.J. McCaffrey III, 87S;

On-Line

Self-Testing and Review of Biopharmaceutical Concepts On-Line, C. Cullander, 84S;

Organizations

Faculty Influence and Other Factors Associated with Student Membership in Professional Organizations, M.K. Slack and J.E. Murphy, 125;

Otitis Media

Pharmacotherapy of Otitis Media, T.L. Wandstrat, 173;

Outcomes

Measurement of Nontraditional Clerkship Outcomes, R.E. Vanderbush, D. Skelton, M.S. Monaghan and J. Hastings, 83S;

Use of Outcomes Assessment in Continuous Quality Improvement of a Curriculum: One School's Experience, C.W. Barnett and H.W. Matthews, 84S;

Pain

An Introduction to Acute Pain Assessment and Management, B.L. Erstad, 180;

Patient Satisfaction and Perceived Quality of Pharmaceutical Care, E.E. Lipowski, 96S;

Peer

Peer Health Advocacy Network, M.J. Jinks and R.C. Thompson, 99S;

Pharmacy Peer Education Program, H.T. Pedro, C.J. Catalano, 104S;

Perceptions

Perceived and Real Barriers to Promotion and Tenure: The Class of 1986, R. McGuirt, A. McKay and S. Morrison, 87S;

Perceptions of Community Pharmacists and Family Physicians Regarding Professionalism in Community Pharmacy Practice—A Cross-Cultural Comparison, F.B. Marques, M.J. Jinks and S.S. Salek, 91S;

Perceptions of Oklahoma Pharmacists Regarding Pharmaceutical Care (PC), D.F. Thompson and W.B. French, 86S;

Peripheral (The) Brain: A Valuable Tool for Student Active Learning, W.Y. Dahdal, D. Vrahnos and M.S. Maddux, 89S;

PharmD

Developing a New Curriculum for the Entry-Level PharmD, F. Fochtman, J.D. Bricker, V. Giannetti, M. Harris, M. Harrold and B. Livengood, 98S;

PharmD Seminar: Understanding Your Commitment to Advanced Education, M. Lee and D.J. Slatkin, 103S;

Pharmaceutical Care

- A Model for Delivering Pharmaceutical Care in a Rural Community Pharmacy, G.A. Cochran, A.M. Carlson and W.R. Hamilton, 97S;
A Teaching Module to Improve Pharmaceutical Care Documentation, D.M. Angaran, A.E. Broeseker and D.B. Brushwood, 95S;
Assessment of Changing Perceptions to Pharmaceutical Care, J.W. McAuley and M.A. Bennett, 92S;
Designing a Pharmaceutical Care Curriculum, D.G. Perrier, N. Winslade, J. Pugsley, L. Lavak and L.M. Strand, 13;
Development and Implementation of a Pharmaceutical Care Laboratory Series, K.H. Deloatch, J.H. McDermott and A.W. Pittman 102S;
Extending Classroom Teaching of Pharmaceutical Care into Community Practice, Bridging the Gap, N. Amarshi and P. Gerber 101S;
Incorporating Pharmaceutical Care into Continuing Pharmacy Education Programs: Results from the British Columbia Regional Coordinators' Workshop, K.G. Moody, 83S;
Patient Satisfaction and Perceived Quality of Pharmaceutical Care, E.E. Lipowski, 96S;
Perceptions of Oklahoma Pharmacists Regarding Pharmaceutical Care (PC), D.F. Thompson and W.B. French, 86S;
The Essential Linkage of Professional Socialization and Pharmaceutical Care, R.K. Chalmers, D.S. Adler, A.M. Haddad, S. Hoffman, K.A. Johnson and J.M.B. Woodard, 85S;

Pharmaceutics

- Contract Bioanalytical Laboratory Rotation An Educational Experience for Graduate Students in Pharmaceutics, H.T. Karnes and C. March, 84S;
Enhancing Critical-Thinking in Pharmaceutics Through Integration of Matching Delivery Systems to Therapeutic Requirements, J.L. Zatz, 72;
Problem-Based Group Projects and Laboratory Exercises in a Small Group Learning Environment, A. Desai, D. Doshi and A. Usayapant, 98S;
The Effect of Drug Structure on pKa and Water/Lipid Solubility: A Simple Experiment, M.W. Smar and L. Westberg, 82S;

Pharmacist

- Community Pharmacists Evaluation of the Administrative Training Received in Pharmacy School, J.P. Bentley, E.M. Kolassa and B.F. Banahan III, 85S;
Pharmacist Managed Lipid Clinic, M.L. Britton, N.A. Letassy, S.M. Sirmans, A. Neal and D.A. Freeman, 100S;
Pharmacist Question-Asking in New Mexico Community Pharmacies, B. Sleath, 374;
Pharmacists and the Process of Ethical Reasoning: An Exploratory Study, P.C. Morley and R.A. Larson, 94S;
Pharmacists' Dilemma of Ethics Versus Economics, S. Gupta and H.M. Rappaport, 91S;
Pharmacist's Satisfaction with their Pharmacy Education: Were They Prepared for OBRA-90?, R. Arocho, E.M. Hillson and C.A. McMillan, 290;

Pharmacist-Physician

- Sociodemographic Influences on Pharmacist-Physician Interaction, B.L. Lambert, 86S;

Pharmacokinetics

- Cyber PatientTM: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger, 409;
Microcomputer-Based Programs for Pharmacokinetic Simulations, R.C. Li, S.L. Wong and K.K.H. Chan, 143;
Pharmacokinetics Involves Lifelong Learning: The PILL Program, D.E. Beck and D.P. Rodman, 66;
The Virtual Patient: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger 102S;

Pharmacology

- Research Project in an Elective in Cardiovascular Pharmacology, M.K. Bazil, 81S;

Pharmacotherapeutics

- A Required Assignment in Pharmacotherapeutics, L. Deziel-Evans 102S;
Pharmacotherapy of Otitis Media, T.L. Wandstrat, 173;
Students as Facilitators for Student-Centered Problem-Based Learning in a Clinical Pharmacotherapy Course, W.T. Maldonado, I. Garcia, J.R. Cruzado, A. Nieves, G. Roman, C. Pulliza, R. Marchese, M. Cabanillas, E. Carmona and R. Garcia, 104S;

Pharmacy

- Pharmacy Ethics in Teaching and Research, N.N. Rahman, S. Parveen and A. Rahman, 109S;
Pharmacy Informatics, R.E. Vanderbush, A. McKay, G. Enderlin, and D. Johnson, 87S;
Pharmacy Peer Education Program, H.T. Pedro and C.J. Catalano, 104S;
Pharmacy Practice Promotion and Tenure Guidelines: A Model to Promote Clinical Faculty Development, S.G. Holstad, T. Seaton, J. Burke, G. Ireland, T. Prosser, A. Hopefl and M.S. Maddux, 91S;
Pharmacy Student Self-Assessment Portfolios for Clinical Pharmacy Clerkship Competencies, C.L. Raehl, C.A. Bond, K. Marty and M. Pitterle, 108S;
Pharmacy Services in Hospitals Offering Clinical Clerkships, C.L. Raehl, C.A. Bond and M.E. Pitterle, 248;
Retail Pharmacy Support Staff Involvement in Over-the-Counter Medication Recommendation: Implications for Pharmacy Education, D.J. McCaffrey III, 87S;

Pharmacy Management

- A Relevant New Undergraduate Track in Retail Pharmacy Management, P.W. McGinn and P.G. Fitzpatrick, 287;
Pharmacy Manager's Views of Job Responsibilities for Student Interns and Pharmacy Technicians, T.P. Stratton, B.-J. Min, D. Sampedro and A. M. Carlson, 59, 158;

Pharmacy Practice

- Biotechnology in Pharmacy Practice: An Assessment of Pharmacists' Knowledge and Perceptions, T.W. Hruby, D.M. Zimmerman, T.T. Nguyen, and P. Mahajan, 82S;
Pharmacy Practitioners' Perception of a Pharmacy Practice Course, R.S. Chereson, R.L. Bilger, K.W. Schafermeyer and B.L. Miller, 83S;

Physical Assessment

- A Survey of Physical Assessment Course Offerings in Schools of Pharmacy, C.C. da Camara, R.P. D'Elia and L.N. Swanson, 89S;
How to Teach Physical Assessment and Diagnosis in a Corn Field, M.L. Henderson, J. Allison and J. Stanovich, 99S;
Physical Assessment Course Via Distance Education, J.C. Voris, 101S;
Teaching Physical Assessment to Doctor of Pharmacy Students, R.L. Longe, 151;

Picking

- Picking Up the Pace...from Evolution to Revolution, D.A. Knapp, 389;
Picking Up the Pace...Planning for Practice Education, D.A. Knapp, 209;
Picking Up the Pace...Working with Diversity, D.A. Knapp, 92;

Portfolios

- Abilities-Based Outcomes Education in Clinical Rotations: The Student Clerkship Portfolio, S.G. Holstad, D. Vrahnos, T.D. Zlatie and M.S. Maddux, 99S;
Pharmacy Student Self-Assessment Portfolios for Clinical Pharmacy Clerkship Competencies, C.L. Raehl, C.A. Bond, K. Marty and M. Pitterle, 108S;
Self-Assessment Portfolio for Clerkship Competencies, K.J. Marty, C.L. Raehl, M.E. Pitterle and C.A. Bond, 100S;
Student Learning Portfolios: Liberty or Tyranny? G.P. Stoehr, T.L. Schwinghammer and M. Piantanida, 101S;

Postgraduate

- A Postgraduate Diploma in Community Pharmacy: Three Years Experience, C. Anderson, 108S;
Postgraduate Specializations in Pharmacy, G. Mihajlovic, M. Romic, K. Bogdanovic and S. Nikolic-Vujadinovic, 109S;

Practice

- Effect of the Nontraditional PharmD on Individual Practice Patterns, N. Fjortoft and J.P. Engle, 223;
Perceptions of Community Pharmacists and Family Physicians Regarding Professionalism in Community Pharmacy Practice - A Cross-Cultural Comparison, F.B. Marques, M.J. Jinks, and S.S. Salek, 91S;
Practice Ethics in Community Pharmacy, S.E. Sharpe, 107S;
The Practice Advancement Clerkship: Advancing Practice While Applying Learning, R.A. Carter, 97S;

Practitioner-Educator

- Recognizing Volunteer Practitioner-Educators Through Intrinsic and Extrinsic Incentives, D.E. Beck, C. Aceves-Blumenthal, J. Jirak, N. Kawahara, N. Morris and P.S. O'Sullivan, 105;

Practitioners

- Pharmacy Practitioners' Perception of a Pharmacy Practice Course, R.S. Chereson, R.L. Bilger, K.W. Schafermeyer and B.L. Miller,

Preamble to the Chair Reports of the Academic Affairs and Professional Affairs Committee, J.L. Bootman and M.M. Piascik, 10S;

Preceptors

Motivation Factors and Mechanisms of Recognition for Community Pharmacists to Be or Become Preceptors for Fourth-Year Rotations, S. Gilbert, and S. Poirier, 90S;

Preparing Residents/Fellows for Innovative Teaching in Pharmacy, T.D. Zlatich, D.L. Corboy and M.S. Maddux, 93S;

President's Section

"Let's Put 'Doc' Back into Pharmacy:" An Opportunity for an AACP-NACDS Partnership, M.A. Koda-Kimble, 313;

Maintain the Basic Sciences: A Plea from a Clinical Scientist, M.A. Koda-Kimble, 42S;

Picking Up the Pace...Planning for Practice Education, D.A. Knapp, 209;

Picking Up the Pace...Working with Diversity, D.A. Knapp, 92;

Prevalence and Impact of Sexual Harassment (SH) of Female Pharmacist on the Pharmacy Manpower Pool in Illinois, N. Fjortoft, N. Han and M. Lee, 90S;

Problem-Based

A Problem-Based Experiential Course in Psychopharmacy, C.W. Jackson, 103S;

A Problem-Based, Therapeutically-Centered Administration Course for PharmD Students, P.A. Chase 102S;

Problem-Solving

Implementation of an Assessment Tool Designed to Evaluate Problem-Solving Skills Separately from Data-Base Deficiencies, M.R. Jacobs and I.L.S. Calligaro, 99S;

Problem-Solving Case Studies: Parameter Estimation for One or Two Compartment Oral and IV Administration by Nonlinear Estimation Using the Solver Function of MS-Excel, M.B. Bolger, 88S;

Training Faculty to Improve Their Ability to Teach Problem Solving Skills, W.T. Maldonado, J. Miranda-Massari, M. Martinez, L. Gonzalez, L. Hernandez, L.M. Gutierrez, A. Guzman, E. Vega, M. Orfila and A. Villarini, 94S;

Profession

The Role and Responsibility of the Profession, C.J. de Blae, 106S;

Professional Affairs

Chair Report for the Professional Affairs Committee, M.M. Piascik, 12S;

Promotion

Perceived and Real Barriers to Promotion and Tenure: The Class of 1986, R. McGuirt, A. McKay and S. Morrison, 87S;

Pharmacy Practice Promotion and Tenure Guidelines: A Model to Promote Clinical Faculty Development, S.G. Holstad, T. Seaton, J. Burke, G. Ireland, T. Prosser, A. Hopefl and M.S. Maddux, 91S;

The Relative Importance of Performance Criteria in Promotion and Tenure Decisions: Perceptions of Pharmacy Faculty Members, A.P. Wolfgang, G.V. Gupchup, and K.S. Plake, 87S;

Protection of Human Research Subjects: An European Example, P.A. Sado, 107S;

Psychopharmacy

A Problem-Based Experiential Course in Psychopharmacy, C.W. Jackson, 103S;

Psychopharmacy Clerkship in an Adult Outpatient Psychiatric Clinic, M.Z. Wincor and M.A. Gutierrez, 105S;

Questionnaires Designed to Gather Information for the ACPE Self-Study, D. Dolinsky and S.M. Gross, 85S;

Re-Engineering the Continuing Education Programs of the College of Pharmacy in Response to Health Care Reform, D.R. Gourley, G. Farr, R. Davis and J.C. Eoff, 108S;

Reasons and Resources Which Were Influential in the Decision to Attend Pharmacy School: A Decade of Data, W.B. French and S.S. Thiessen, 86S;

Recognizing Volunteer Practitioner-Educators Through Intrinsic and Extrinsic Incentives, D.E. Beck, C. Aceves-Blumenthal, J. Jirak, N. Kawahara, N. Morris and P.S. O'Sullivan, 105;

Recruitment

Comparison of Pharmacy Recruiters' and Students' Views Toward Job Interviews, N. Charupatanapong and K.L. Rascati, 358;

Report of the Task Force on the Recruitment and Retention of Pharmacy Practice Faculty, M. Lee, M.A. Abate, N. Fjortoft, A. Linn and M. Maddux, 28S;

Relationships of Pharmacy Students' Demographics, Academic Performance, and Extracurricular Activities, N. Charupatanapong, W. McCormick and K. Rascati, 85S;

Relative

Relative Importance of Performance Criteria in Promotion and Tenure Decisions: Perception of Faculty Members, A.P. Wolfgang, G.S. Gupchup and K.S. Plake, 342;

The Relative Importance of Performance Criteria in Promotion and Tenure Decisions: Perceptions of Pharmacy Faculty Members, A.P. Wolfgang, G.V. Gupchup and K.S. Plake, 87S;

Relevant (A) New Undergraduate Track in Retail Pharmacy Management, P.W. McGinn and P.G. Fitzpatrick, 287;

Reports

A New Structure for AACP. Report of the 1994/95 Argus Commission, L.Z. Benet, J.A. Biles, W.A. Miller, R.A. Ohvall and N.G. Popovich, 7S;

Chair Report (for the, of the)

Academic Affairs Committee, J.L. Bootman, 11S;

Academic Sections Coordinating Committee, R.B. Greenwood, 27S;

Bylaws and Policy Development Committee, H.F. Kabat, 14S;

Council of Deans, A.A. Belmonte, 24S;

Council of Faculties, J.E. Wynn, 25S;

Finance Committee, M.A. Koda-Kimble, 16S;

Professional Affairs Committee, M.M. Piascik, 12S;

Research and Graduate Affairs committee, M.K. Speedie, 19S;

Preamble to the Chair Reports of the Academic Affairs and Professional Affairs Committee, J.L. Bootman and M.M. Piascik, 10S;

Report of the Executive Director to the House of Delegates, C.E. Trinca, 59, 1S;

Report of the Independent Auditor, J.W. Coughlin, 39S;

Report of the Journal Editor, G.H. Cocolas, 23S;

Report of the Task Force on the Recruitment and Retention of Pharmacy Practice Faculty, M. Lee, M.A. Abate, N. Fjortoft, A. Linn and M. Maddux, 28S;

Teaching Through Quality Management, R.W. Sommi, A.B. Amerson, G.D. Newton, G.H. Smith and J.H. Van Tyle, 202;

The Essential Linkage of Professional Socialization and Pharmaceutical Care, R.K. Chalmers, D.S. Adler, A.M. Haddad, S. Hoffman, K.A. Johnson and J.M.B. Woodard, 8S;

Required (A) Assignment in Pharmacotherapeutics, L. Deziel-Evans 102S;

Research

An Undergraduate Research Elective to Sensitize Students to the Multicultural Aspects of Pharmacy Practice, R.B. Sause and V.J. Galizia, 100S;

Research Project in an Elective in Cardiovascular Pharmacology, M.K. Bazil, 81S;

Research and Graduate Affairs

Chair Report for the Research and Graduate Affairs Committee, M.K. Speedie, 19S;

Reshaping Pharmacy Horizons, B.A. Tatum, 101S;

Residency

College of Pharmacy-Residency Collaboration: Rapid Expansion of Clinical Training Programs in St. Louis, M.S. Maddux, R.E. Smith and The St. Louis Metropolitan Area Residency/Fellowship Committee, 91S;

Development of a Postgraduate Community Pharmacy Residency Training Program, D.R. Gourley, R.L. Davis, J.C. Eoff, D.K. Solomon and R. Brown, 108S;

Resistance

Circumventing Antineoplastic Drug Resistance: When Tumor Cells Just Say "No" to Drugs, D.J. Knoll, 184;

Retail Pharmacy

A Relevant New Undergraduate Track in Retail Pharmacy Management, P.W. McGinn and P.G. Fitzpatrick, 287;

Retention

- Report of the Task Force on Recruitment and Retention of Pharmacy Practice Faculty, M. Lee, M.A. Abate, N. Fjortoft, A. Linn and M. Maddux, 28S;

Revolution

- A Revolutionary Course Design: Contemporary Aspects of Pharmacy Practice—The First Year, B.F. Brandt, T. Foster, P. Piascik, 97S;
Revolution in Pharmacy Education Extends Beyond the Classroom, W.A. Hopkins, A. Adams and C.W. Barnett, 84S;

Role

- The Role and Responsibility of the Schools of Pharmacy, A.L. Hanson, 106S;
The Role and Responsibility of the Profession, C.J. de Blaey, 106S;

Rotation

- Abilities-Based Outcomes Education in Clinical Rotations: The Student Clerkship Portfolio, S.G. Holstad, D. Vrahnos, T.D. Zlatich and M.S. Maddux, 99S;
Development of an Elective Community Pharmacy Management Experiential Rotation, D.P. Zgarick and B.A. Talluto, 88S;
Economic Costs and Benefits Associated with a Community Pharmacy Rotation, L.K. Selander and L.N. Larson, 8;
Establishing and Maintaining Ambulatory Care Rotations Through a "Partnership Program" with the Indian Health Service, D.R. Skelton and G. Reiter, 93S;
Establishing Community Pharmacy Rotation Sites with Cognitive Services for Non-literate and Visually Impaired Patients, E.C. Hanson, 96S;
Incorporating Problem-Based Student-Centered Learning into Pharmacy Externship Rotations, D.W. Raisch, M.T. Holdsworth, P. Mann and H.F. Kabat, 59, 26S;

Rural

- A Model for Delivering Pharmaceutical Care in a Rural Community Pharmacy, G.A. Cochran, A.M. Carlson and W.R. Hamilton, 97S;
Development of Pharmacy Student Clinical Clerkships in Underserved Rural Areas of North Carolina, R.J. Schollard, C. Whitley, D. Cummings and S. Caiola, 92S;

SOAP

- Incorporation of Ability-Based Outcomes Using an Expanded SOAP Format, C.S. Wallace and K.L. Franson, 105S;

Schools

- The Role and Responsibility of the Schools of Pharmacy, A.L. Hanson, 106S;

Science

- Maintain the Basic Sciences: A Plea from a Clinical Scientist, M.A. Koda-Kimble, 42S;

Self-Assessment

- Self-Assessment of Quality of Life (QOL) Profiles of SF-36 and Compliance: A Cross-Sectional Study on Hypertensive Geriatrics, R.S. Pippalla, V. Chinburapa and R. Duval, 92S;
Self-Assessment Portfolio for Clerkship Competencies, K.J. Marty, C.L. Raehl, M.E. Pitterle and C.A. Bond, 100S;

Self-Study

- Questionnaires Designed to Gather Information for the ACPE Self-Study, D. Dolinsky and S.M. Gross, 85S;

Self-Testing and Review of Biopharmaceutical Concepts On-Line, C. Cullander, 84S;

Service

- Teaching Community Service Through a University-Based Learning Partnership with Secondary School Students, M.J. Jinks and R.C. Thompson, 103S;

Sexual Harassment

- Prevalence and Impact of Sexual Harassment (SH) of Female Pharmacist on the Pharmacy Manpower Pool in Illinois, N. Fjortoft, N. Han and M. Lee, 90S;

Shadow Program

- An Introductory Pharmacy Practice Experience (Shadow Program) Requirement During Early Curricular Sequencing, J. Colaizzi, K. Swanson and J. Barone, 96S;

Short-term Recall of a Continuing Medical Education Journal: Comparative Intervention Study, D. Broclain, P. Mura, D. Nivet-Carré and G. Bardelay, 110S;

Significant

- Significant Factors for Predicting Academic Success of First-Year Pharmacy Students, M.A. Chisholm, H.H. Cobb III and J.A. Kotzan, 364;

Simulation

- Cyber Patient™: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger, 409;
Development and Validation of a Comprehensive Evaluation System for a Pharmacy Practice Simulation Laboratory, G.D. Newton, 94S;
Development and Evaluation of a Pharmacy Practice Simulation Laboratory, G.D. Newton, 95S;
Evaluation of a Computer Simulation in a Therapeutics Case Discussion, R.E. Kinkade, C.T. Matthews, J.R. Draugalis and B.L. Erstad, 147;
Microcomputer-Based Programs for Pharmacokinetic Simulations, R.C. Li, S.L. Wong and K.K.H. Chan, 143;
The Virtual Patient: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger 102S;

Small-Group

- Enhancing Critical-Thinking in Pharmaceutics Through Integration of Problem-Based Group Projects and Laboratory Exercises in a Small Group Learning Environment, A. Desai, D. Doshi and A. Usayapant, 98S;

Socialization

- The Essential Linkage of Professional Socialization and Pharmaceutical Care, R.K. Chalmers, D.S. Adler, A.M. Haddad, S. Hoffman, K.A. Johnson and J.M.B. Woodard, 85;

Sociodemographic Influences on Pharmacist-Physician Interaction, B.L. Lambert, 86S;

Software

- Evaluation of Drug Interaction Microcomputer Software: An Updated Comparison, R.A. Giudici and T.I. Poirier, 90S;

Some

- Some Reflections on Research, Instruction, the New Biotechnology and on Pharmacy into the Next Century, R.A. Hudson, 417;
Some Thoughts from a Not-So-New Kid on the Block, R.P. Penna, 312;

Specializations

- Postgraduate Specializations in Pharmacy, G. Mihajlovic and M. Romic, K. Bogdanovic and S. Nikolic-Vujadinovic, 109S;

Special Meeting

- Minutes of the Special Meeting of the AACP Board of Directors: July 10, 1995, Philadelphia, PA, C.E. Trinca, 51S;

Statistics

- Determining the Statistical Knowledge of Pharmacy Practitioners, M.J. Ferrill, L.L. Norton and T. Kakuda, 89S;
The Pharmacy Student Population: Applications Received 1993-94, Degrees Conferred 1993-94, Fall 1994 Enrollments, S.M. Meyer, 69S;

Sterile Products

- Use of a Process Simulation Test to Assess Student Competency in a Sterile Products Laboratory, S. Turco and I.L.S. Calligaro, 83S;

Strategic Planning in a New Office of Academic Affairs, J.P. Engle, N. Fjortoft, R. Jannsen, C. Ami, N. Seidel and J. Joseph, 105S;

Strategies to Provide Effective Interdisciplinary Education, C.E. Cox, V. Bergum and J. Montgomery, 102S;

Student

- A Student-Centered Learning Paradigm for Teaching Functional Group Analysis, T.L. Lemke, 103S;
Relationships of Pharmacy Students' Demographics, Academic Performance, and Extracurricular Activities, N. Charupatanapong, W. McCormick and K. Rascati, 85S;
Significant Factors for Predicting Academic Success of First-Year Pharmacy Students, M.A. Chisholm, H.H. Cobb, and J.A. Kotzan, 85S;
Student Affairs Analysis of an Externship Program Using Multidimensional Work Sampling, R.P. Vanderveen, D.G. Haxby, T. West and R. Schuff, 137;
Student Attitudes Towards Academic Dishonesty, M. Sherrow and S. Becker, 84S;
Student Generated Case Studies in Medicinal Chemistry, P.I. Chavez, and M. Chavez, 102S;

- Student Learning Portfolios: Liberty or Tyranny? G.P. Stoeher, T.L. Schwinghammer and M. Piantanida, 101S;
- Student Mentors in Pharmacy Ethics, J.D. Richardson, R.L. McCarthy and T. Chan, 104S;
- Students as Facilitators for Student-Centered Problem-Based Learning in a Clinical Pharmacotherapy Course, W.T. Maldonado, I. Garcia, J.R. Cruzado, A. Nieves, G. Roman, C. Pulliza, R. Marchese, M. Cabanillas, E. Carmona and R. Garcia, 104S;
- Student's Written Communication to Physicians Regarding Drug-Related Problems, E.H. French and N.R. Morris, 90S;
- Student Attitudes Towards Pharmacy Practice Issues, E.T. Kelly III and P. Toce, 93S;
- Substance Abuse Education: The Nebraska Experience, J.N. Baldwin, 101S;
- The Pharmacy Student Population: Applications Received 1993-94, Degrees Conferred 1993-94, Fall 1994 Enrollments, S.M. Meyer, 69S;
- Survey**
- A Survey of Physical Assessment Course Offerings in Schools of Pharmacy, C.C. da Camara, R.P. D'Elia and L.N. Swanson, 89S;
- Geriatric Training Programs Offered at Schools and Colleges of Pharmacy, H.L. Kirschenbaum and J.M. Rosenberg, 284;
- Nutrition Education in Schools of Pharmacy, S.J. Miller, 377;
- Telephone Survey Evaluation of the Educational Impact of a Distance Learning Course, J.A. Whiteman, E.M. Scott and J.C. Mc Elnay, 383;
- The Curriculum Committee: A National Profile of U.S. Colleges of Pharmacy, J.T. Carter and J.R. Draugalis, 27;
- Task Force**
- Report of the Task Force on Recruitment and Retention of Pharmacy Practice Faculty, M. Lee, M.A. Abate, N.F. Fjortoft, A. Linn and M. Maddux, 28S;
- Teachers' Topics**
- An Introduction to Acute Pain Assessment and Management, B.L. Erstad, 180;
- Antibiotics. Mechanisms of Action and Acquisition of Resistance—When Magic Bullets Lose Their Magic, M.J. Cloutier, 167;
- Circumventing Antineoplastic Drug Resistance: When Tumor Cells Just Say "No" to Drugs, D.J. Knoll, 184;
- Long-Term Management of Asthma: How to Improve Clinical Outcomes, T.H. Self, 163;
- Pharmacotherapy of Otitis Media, T.L. Wandstrat, 173;
- Technician**
- Pharmacy Manager's Views of Job Responsibilities for Student Interns and Pharmacy Technicians, T.P. Stratton, B.-J. Min, D. Sampedro and A. M. Carlson, 59, 158;
- Telephone Survey Evaluation of the Educational Impact of a Distance Learning Course, J.A. Whiteman, E.M. Scott and J.C. Mc Elnay, 383;
- Tell Your Neighbors About Health and Science, A.A. Belmonte, 93;
- Tenure**
- Perceived and Real Barriers to Promotion and Tenure: The Class of 1986, R. McGuirt, A. McKay and S. Morrison, 87S;
- Pharmacy Practice Promotion and Tenure Guidelines: A Model to Promote Clinical Faculty Development, S.G. Holstad, T. Seaton, J. Burke, G. Ireland, T. Prosser, A. Hopeff and M.S. Maddux, 91S;
- Relative Importance of Performance Criteria in Promotion and Tenure Decisions: Perception of Faculty Members, A.P. Wolfgang, G.S. Gupchup and K.S. Plake, 342;
- The Relative Importance of Performance Criteria in Promotion and Tenure Decisions: Perceptions of Pharmacy Faculty Members, A.P. Wolfgang, G.V. Gupchup and K.S. Plake, 87S;
- Therapeutics**
- Evaluation of a Computer Simulation in a Therapeutics Case Discussion, R.E. Kinkade, C.T. Matthews, J.R. Draugalis and B.L. Erstad, 147;
- Impact of Discipline-Focused Selective Therapeutics Courses in an Entry-Level Doctor of Pharmacy Curriculum, R.C. Stevens and D.A. Kuhl, 91S;
- Time Management**
- Clinical, Dispensing, and Administrative Activities: How Are Community Pharmacists Spending Their Time and What Combination Would Best Utilize Their Skills, J.P. Bentley, E.M. Kolassa and Benjamin F. Banahan III, 88S;
- Training**
- Community Pharmacists Evaluation of the Administrative Training Received in Pharmacy School, J.P. Bentley, E.M. Kolassa and B.F. Banahan III, 85S;
- Training Faculty to Improve Their Ability to Teach Problem Solving Skills, W.T. Maldonado, J. Miranda-Massari, M. Martinez, L. González, L. Hernández, L.M. Gutiérrez, A. Guzmán, E. Vega, M. Orfila and A. Villarini, 94S;
- Trek (A) Through Cyberspace, D.W.A. Bourne, P. Hogkinson and S. McLean, 402;
- Twenty Years of Experience with an Integrated Pharmacy Curriculum at the University of Connecticut, A.A. Cardoni and R.H. Bogner, 97S;
- ***
- UNC School of Pharmacy's World Wide Web Home Page on the Internet, C. Pulliam, I. Vaisman, A.W. Pittman, R. Shrewsbury and D. Mullins 100S;
- Undergraduate (An) Research Elective to Sensitize Students to the Multicultural Aspects of Pharmacy Practice, R.B. Sause and V.J. Galizia, 100S;
- Use**
- The Use of Computer-Assisted Learning Module, DILearn, in Teaching Basic Drug Information Skills, G.H. Smith, 105S;
- Use of a Process Simulation Test to Assess Student Competency in a Sterile Products Laboratory, S. Turco and I.L.S. Calligaro, 83S;
- Use of Outcomes Assessment in Continuous Quality Improvement of a Curriculum: One School's Experience, C.W. Barnett and H.W. Matthews, 84S;
- Use of Outcomes in the Development of an Entry-Level PharmD Curriculum, J.R. Mort, J.E. Hougum and B. Kaatz, 327;
- Use of Video in Continuing Education of Pharmacists in Primary Health Care, M. Jadrijevi-Mladar Taka, 109S;
- Using**
- Using Decision Analysis to Modify Clinical Decisions Made by Pharmacists and Students, T.E.R. Brown, B.L. Carter and C.D. Butler, 14;
- Using Service-Learning to Integrate Social Awareness and Civic Responsibility, N.A. Nickman and J.W. Mauger, 100S;
- Utilization of a "Classroom Polling" Assessment Technique in an Elective Health Policy Course, A.P. Wolfgang and K.S. Plake, 87S;
- ***
- Virtual**
- The Virtual Hospital: Intelligent Case Simulations in Pharmacy, U. Chung and M. Watanabe, 97S;
- The Virtual Patient: A Multimedia Pharmacokinetic Simulation Program for Case Study Generation in a Problem-Solving Curriculum, M.B. Bolger 102S;
- Visiting Summer Faculty Program: A Tool to Enhance Pharmaceutical Education and Recruit Graduate Students, R.L. Tackett, 95S;
- ***
- What**
- What is the Council of Deans?, A.A. Belmonte, 315;
- "What You Should Really Teach in Pharmacy School Is _____," R.P. Penna, 424;
- Women**
- Development of a Model to Predict the Employment Status of Women Pharmacists, K. Broedel-Zaugg, S.W. Birdwell and S. Kucukarslan, 38;
- Work**
- Student Affairs Analysis of an Externship Program Using Multidimensional Work Sampling, R.P. Vanderveen, D.G. Haxby, T. West and R. Schuff, 137;
- Writing**
- Student's Written Communication to Physicians Regarding Drug-Related Problems, E.H. French and N.R. Morris, 90S;
- Writing Across the Pharmacy Curriculum: A Preliminary Feasibility Project, P.G. Fitzpatrick, N. Rand, M. Sidhom and D. Dolinsky, 98S;

